Results of Spiny Dogfish *(Squalus acanthias)* Tagging in British Columbia Waters during 1982 and 1983

M. W. Saunders, G. A. McFarlane, and M. S. Smith

Department of Fisheries and Oceans
Fisheries Research Branch
Pacific Biological Station
Nanaimo, British Columbia V9R 5K6

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ABSTRACT

Saunders, M. W., G. A. McFarlane, and M. S. Smith. 1985. Results of spiny dogfish (Squalus acanthias) tagging in British Columbia waters during 1982 and 1983. Can. Data Rep. Fish. Aquat. Sci. 515: 228 p.

During 1982 and 1983 12,115 dogfish were tagged in the Strait of Georgia and 4677 were tagged in Hecate Strait, Dixon Entrance and Queen Charlotte Sound. All fish were tagged using a modified Petersen disc tag. A total of 38,766 dogfish has been tagged and released in British Columbia waters from April 1978 to December 31, 1983. As of December 31, 1983, 1049 of these fish have been recovered. Preliminary examination of the 659 fish recovered during 1982 and 1983 from all releases in the Strait of Georgia indicates that 73.6% (485) remained in the Strait of Georgia, 1.5% (10) were recaptured north of the Strait of Georgia, 3.6% (24) in Puget Sound and Juan de Fuca, and 3.3% (22) moved to the west coast of Vancouver Island and Washington. A further 17.8% (118) were reported with no accompanying area information.

One fish tagged in Hecate Strait was recovered off the coast of Japan.

Key words: spiny dogfish tagging, migration, age determination, Strait of Georgia

RÉSUMÉ

Saunders, M. W., G. A. McFarlane, and M. S. Smith. 1985. Results of spiny dogfish (Squalus acanthias) tagging in British Columbia waters during 1982 and 1983. Can. Data Rep. Fish. Aquat. Sci. 515: 228 p.

En 1982 et 1983, on a posé des étiquettes Peterson modifiées à 12,115 aiguillats du détroit de Géorgie et à 4677 aiguillats du détroit d'Hécate, de l'entrée Dixon et du détroit de la Reine-Charlotte. D'avril 1978 au 31 décembre 1983, on a étiqueté et relâché un total de 38,766 individus dans les eaux de la Colombie-Britannique, dont 1049 avaient été repris au 31 décembre 1983. Un examen préliminaire des 659 poissons récupérés en 1982 et 1983 à partir des lâchers effectués dans le détroit de Géorgie révèle que 73.6% (485) sont restés à cet endroit, 1.5% (10) sont remontés vers le nord du détroit, 3.6% (24) ont occupé le Puget Sound et le détroit Juan de Fuca tandis que, 3.3% (22) se sont dirigés vers la côte ouest de l'île de Vancouver et l'État de Washington. De plus, pour 17.8% (118), on n'avait aucune indication sur l'endroit de recapture. Un individué étiqueté et relâché dans le détroit d'Hécate a été repris au large de la côte japonaise.

Mots-clés: étiquetage d'aiguillat, migration, détermination de l'âge, détroit de Géorgie

INTRODUCTION

This is the fifth report describing the results of the spiny dogfish (Squalus acanthias) tagging program. This report, similar in format to previous reports (Brown et al. 1979; Beamish et al. 1981; McFarlane et al. 1982; Smith et al. 1983), presents release information for taggings conducted during 1982 and 1983 and recovery information to December 31, 1983. Individual fish recovery information is not included.

The primary purpose of the tagging program is to examine the growth and movement of dogfish throughout British Columbia waters with emphasis on the Strait of Georgia.

MATERIALS AND METHODS

A total of six dogfish tagging cruises were conducted through 1982 and 1983. Dogfish in the Campbell River area were tagged in April-May of 1982 and in May of 1983 by staff and students of the Campbell River High School and the Southgate Secondary school. All other tagging cruises were conducted by staff of the Pacific Biological Station. Dogfish were tagged in the central Strait of Georgia during March, 1982 aboard the longline vessel ROSE SPIT and during June-July, 1982 aboard the side trawler R/V G.B. REED. Tagging in Hecate Strait was conducted during July-August, 1982 aboard the stern-trawler M/V NORE-DICK on charter to the International Pacific Halibut Commission (IPHC) and during September-October, 1982 from the sidetrawler R/V G.B. REED.

The longline gear used consisted of Mustad #2 halibut hooks (#6283 quality 9401) fastened to nylon gangions 55 cm long and "snapped" on the longline approximately 2-3 m apart. During Campbell River cruises (April-May 1982 and May 1983), each set contained 280 to 310 hooks while sets in the Central Strait area (March 1982) contained from 100 to 1200 hooks. Pieces of thawed herring were used as bait on all three longline cruises. Soak time, defined as the time between the first hook overboard and the first hook coming aboard, varied between 35 and 80 min and 18 and 80 min for Campbell River in April-May 1982 and May 1983 respectively, and between 45 and 155 min in the Central Strait area, March 1982. Fishing depths ranged between 18 and 150 m, 50 and 165 m and 17 and 229 m for March 1982 (Central Strait of Georgia), April-May 1982 (Campbell River area), and May 1983 (Campbell River area) cruises respectively.

Two trawls were used in the Strait of Georgia during the June-July 1982 cruise, a modified eastern trawl and a Gulf semi-balloon shrimp trawl equipped with a roller groundline. The shrimp trawl was towed off a single davit with extensions from the main trawl warp to each door. Hauls ranged from 5 to 40 min in duration and fishing took place at depths of 60 to 285 m.

During the July-August 1982 cruise in Hecate Strait a standard eastern experimental trawl supplied by the IPHC was used.

During the September-October 1982 cruise in Hecate Strait a modified eastern trawl was used (Saunders et al. 1984). Catch rates ranged from 82 to 6268 kg/hr and fishing depths from 20 to 183 m.

All fish were tagged with modified Petersen discs (Beamish et al. 1981; McFarlane and Beamish, in press) using the procedure described previously (Brown et al. 1979; Beamish et al. 1981; McFarlane et al. 1982; Smith et al. 1983).

Dogfish captured by either trawl or longline hook were held in live tanks with continuously circulating seawater. Fish were dipped into anaesthetic tanks containing 150 L of seawater to which 25 g of tricaine methane sulfonate (MS222) was added. Fish remained in the tank until they became lethargic. They were then removed from the anaesthetic, measured, sexed, tagged, injected with oxytetracycline (OTC) and released. During the June-July 1982 cruise (Central Strait of Georgia) and the September 1982 cruise (Hecate Strait), fish were held in a separate recovery tank for up to an hour prior to release. Records were kept of the area of capture and release as well as general condition of the fish, noticeable injuries, and any problems with the tag.

Total length was measured from the tip of the snout to the tip of the upper lobe of the caudal fin when it was depressed in a line horizontal with the body.

Validation studies of the current ageing method were continued with up to 80% of the fish tagged from each set in the Strait of Georgia receiving an injection of OTC. The OTC, purchased under the brand name Liquamycin is oxytetracycline hydrochloride dissolved in a stabilizing agent and supplied in 250 mL bottles at a concentration of 100 mg/L. It was injected with a 5 cc disposable syringe with a 20 g, 3.8 cm needle at a rate of 25 mg/kg of body weight. The tagging/measuring board was marked with injection rates based on a length-weight conversion.

During the Campbell River 1982 and 1983 cruises, 2793 (79%) and 812 (50%) fish respectively, received intermuscular injections of OTC. During the March 1982 cruise 1492 (50%) and 758 (25%) fish received intermuscular and intraperitoneal injections respectively. During the June-July 1982 cruise 1934 (49%) and 1004 (25%) received intermuscular and intraperitoneal injections, respectively. There were some problems associated with both intermuscular and intraperitoneal injection of OTC. The intermuscular method often resulted in inconsistent dosage rates due to the seepage of OTC from the injection hole. This problem was not encountered with intraperitoneal injection. The intraperitoneal injection, however, requires very careful insertion of the needle in order to avoid damage to the internal organs.

As in previous years, recovery posters were given wide distribution at marinas, government docks and major fishing companies. A reward of $2 was paid for the return of tags only and because the second dorsal spine is required for the age validation studies a reward of $5 for the return of a whole tagged fish was instituted.

RESULTS AND DISCUSSION

TAGGINGS

A total of 16,792 dogfish were tagged and released during 1982 and 1983 (Table 1). Set locations and catch data are presented in Tables 2, 3, and 4 for the March 1982 (Central Strait of Georgia area), April-May 1982 (Campbell River area), and May 1983 (Campbell River area) tagging cruises respectively, and in Appendix table 1 for the June-July 1982 G.B. REED cruise (Strait of Georgia). Set and catch information has been reported previously for the July-August 1982 (Hecate Strait) cruise by Hoag et al. (1984) and for the September 1982 (Hecate Strait) cruise by Saunders et al. (1984). Release data by set including numbers of males and females released, numbers injected, release locations, and tag series numbers are presented for all cruises in Tables 5 through 10. A reference map of release and recovery place names is presented in Figure 1. Incidental species caught during the March 1982 (Central Strait of Georgia), Campbell River 1982 and Campbell River 1983 taggings are listed in Tables 11, 12, and 13 respectively.

Length frequencies of fish released by set and sex for each cruise are presented in Appendix tables 2 - 7. Included with each table is the total caught, total tagged and released and the total untagged. The length frequencies by sex are presented for each cruise in Figures 2 - 7. These figures indicate that the length frequency of released fishes is representative of those caught for all cruises.

Effort during the March 1982 cruise was directed at areas in the central Strait of Georgia with 1375 tagged adjacent to Komass Bluff, 826 near Grant Reef, 686 near Flora Is.-Tribune Bay, 58 at Parksville-Qualicum, and 56 at Ajax-Exeter reefs. Males predominated (76%) and ranged from 44 to 98 cm with a prominent mode at 77 cm (Fig. 2). Females ranged from 46 to 117 cm with prominent modes at 72 cm and 102 cm (Fig. 2).

During the April-May 1982 cruise, fishing was carried out in the Campbell River area with 2238 tagged near Marina Island, 1148 adjacent to Cape Mudge, 136 off Oyster Point, and 14 near Francisco Point. Again, males predominated (71%) ranging in length from 48 to 109 cm with a prominent mode at 80 cm (Fig. 3). Females ranged in length from 48 to 120 cm with prominent modes at 65 and 100 cm (Fig. 3).

During the June-July 1982 cruise, fishing took place in the central Strait of Georgia with 3641 fish tagged east and southeast of Cape Lazo, 34 fish tagged near McCall Bank, and 20 fish tagged near Qualicum. Again, males predominated (84%) and ranged from 32 to 110 cm with a major mode at 84 cm (Fig. 4). Females were most abundant at 80 cm and ranged from 37 to 118 cm (Fig. 4).

Tagging in July-August 1982 was carried out in Dixon Entrance and Hecate Strait where 322 and 491 fish were tagged respectively. The fish were predominantly females (61%), ranging in length from 57 to 117 cm with the majority between 85 and 100 cm (Fig. 5). Males ranged from 53 to 95 cm with a mode at 84 cm (Fig. 5).

During September-October 1982 a total of 3864 trawl-caught dogfish were tagged and released throughout Hecate Strait. Females accounted for 65% of the total caught and ranged from 51 to 120 cm with the majority evenly distributed between 75 and 105 cm (Fig. 6). Males ranged in length from 51 to 105 cm with a single mode at 80 cm (Fig. 6).

Fish tagged in 1983 were from the Campbell River area only. Of the 1613 fish released, 1073 were tagged near Cape Mudge, 203 at Oyster Bay, 128 at Marina Island, 91 at Francisco Point, 74 at Smelt Bay, and 44 at Baker's Pass Reef. Males predominated (61%) and ranged in length from 46 to 109 cm with a minor mode at 65 cm and a major one at 84 cm (Fig. 7). Females ranged in length from 47 to 125 cm with modes at 65 and 105 cm (Fig. 7).

Recaptures

A total of 38,766 dogfish have been tagged and released since 1978 (Table 1) of which 33,025 were released in the Strait of Georgia and 5741 in Dixon Entrance, Hecate Strait and Queen Charlotte Sound. One thousand sixteen (3.1%) of those tagged in the Strait of Georgia have been recovered and 33 (0.6%) of those tagged in the Dixon Entrance-Hecate Strait-Queen Charlotte Sound area have been recovered.

Recaptures from tagging in 1982-83

A total of 91 (0.9%) fish were recovered prior to December 31, 1982 from the three taggings conducted in the Strait of Georgia during 1982. A further 133 (1.2%) fish were recovered during 1983 from all 1982-1983 Strait of Georgia releases.

The majority of fish were recovered from the central Strait of Georgia (71), northern Strait of Georgia (47) and southern Strait of Georgia (33), while others were recovered from Puget Sound (3), offshore (6), Juan de Fuca (7) and Johnstone Strait (2) (Figs. 8-11). Ten fish were recovered in the Strait of Georgia but with no specific locality reported and 44 tags were recovered with no accompanying area information.

The majority of recoveries were caught by trawl (77), longline (50) and sport gear (33) while 16 fish were recovered from salmon gillnets, 10 from sunken gillnets, and 1 from salmon seine. Thirty-seven were recovered with no accompanying gear information.

A total of 157 fish were returned whole and only 11 of the recoveries were less than 70 cm in length upon release.

A total of 4677 fish were released in Hecate Strait and Dixon Entrance in 1982, of which 17 were recovered by December 31, 1983. The majority of the recoveries were from Hecate Strait and Dixon Entrance (10) while the others were split between southern offshore areas (3), Puget Sound (1), and the Strait of Georgia (3) (Fig. 12).

Recaptures from tagging in 1981

During 1981 a total of 6968 dogfish were released in the Strait of Georgia, 3394 fish were released in the Campbell River area and 3574 in the central Strait of Georgia area. Recoveries as of December 31, 1983 total 225 (3.2%) of which 24 (0.3%) were recovered during 1981, 106 (1.5%) during 1982 and 95 (1.4%) during 1983.

The majority of the 201 recoveries made during 1982 and 1983 were from the south, central and northern Strait of Georgia areas where 89, 39 and 25 fish were recovered respectively (Fig. 13 and Fig. 14). Four fish were recovered from the Strait of Georgia but the specific location is unknown. Other inshore recoveries include one in Johnstone Strait, 2 in Puget Sound and 4 in Juan de Fuca. Offshore recoveries totaled 5. Area information was not obtained for the remaining 32 recoveries. The method of recapture was known for 177 of the 201 recovered fish of which 69 were caught by longline, 52 by trawl, 34 by sports gear, 15 by sunken gillnet, 4 by salmon gillnet and 3 by seine. One hundred and twenty-one whole fish were recovered. Only ten of these fish were less than 70 cm at the time of release.

Recaptures from tagging in 1980

During 1980 a total of 7482 dogfish were tagged and released in the southern, central and Campbell River areas of the Strait of Georgia and a further 1064 fish were tagged in Hecate Strait, Dixon Entrance and Queen Charlotte Sound.

A total of 284 (3.8%) fish have been recovered from the Strait of Georgia releases of which 67 (0.9%) were recovered in 1980, 68 (0.9%) in 1981, 78 (1.0%) in 1982 and 71 (1.0%) in 1983. Of the 149 recovered in 1982-83, 73 were recovered in the southern Strait of Georgia, 19 in the northern Strait of Georgia, 11 in the central Strait of Georgia, 3 in Puget Sound, 3 in Juan de Fuca and 9 offshore (Figs. 15-17). Six of the offshore recoveries had no accompanying area of recapture information. Five fish were recovered from the Strait of Georgia but specific locations were unknown and 26 fish had no area information.

Recovery gear information was obtained from 121 of 149 recovered fish with 51 caught by trawl, 37 by longline, 18 by sport gear, 10 by sunken gillnet and 5 by salmon gillnets. Seventy-five whole fish were recovered. Ten of the recovered fish were less than 70 cm at the time of release.

A total of 16 (1.5%) fish have been recovered from Dixon Entrance-Hecate Strait taggings of which 1 (0.1%) was recovered in 1980, 4 (0.4%) in 1981, 8 (0.7%) in 1982 and 3 (0.3%) in 1983. The most notable recovery was made off Hokkaido, Japan after 888 days at large, a distance of 6850 km assuming that the route taken followed the continental shelf (McFarlane and Beamish in press). Of the remaining 1982-1983 recoveries 5 were recovered in Hecate Strait, 3 in Queen Charlotte Sound, and one off Tillamook Head, Oregon. One recovery had no accompanying information (Fig. 12).

Six of the recoveries were captured by trawl, 4 by salmon gillnet, 4 by longline, 1 by sunken gillnet and 1 had no gear information. Twelve fish were returned whole and all of the fish recovered were longer than 70 cm when released.

Recaptures from tagging in 1979

A total of 4542 fish were tagged in the central Strait of Georgia and Campbell River areas in 1979. A total of 299 (5.0%) have been recovered of which 34 (0.8%) were recovered in 1979, 75 (1.7%) in 1980, 43 (0.9%) in 1981, 34 (0.7%) in 1982 and 43 (0.9%) in 1983.

The majority (54 of 77 fish) of the 1982-1983 recoveries were from the north, south and central areas where 32, 14 and 8 fish were captured respectively (Fig. 18 and Fig. 19). Other inshore recoveries include 2 in Johnstone Strait, 1 in Puget Sound, 1 in Knight Inlet and 1 from the Strait of Georgia for which specific recovery location is unknown (Fig. 18 and Fig. 19).

A total of 6 fish were recovered offshore, 1 at Cape Edenshow, Queen Charlotte Islands, 1 north of Port Hardy, 1 near Cape Scott, 1 at Mary's Basin, Nootka Island, and 2 had no specific location reported.

A further 12 fish were recovered without any accompanying area information.

Recapture method was reported for 68 fish of which 19 were caught by longline, 18 by trawl, 16 by sport gear, 12 by salmon gillnet, two by seine and one by sunken gillnet. A total of 45 fish were returned whole. All of the fish recovered were greater than 70 cm at the time of release.

Recaptures from tagging in 1978

A total of 1918 fish were tagged in 1978 in the Campbell River area. Fifty-four (2.8%) fish have been recovered of which 15 (0.8%) were recovered in 1978, 16 (0.8%) in 1979, 11 (0.6%) in 1980, 4 (0.2%) in 1981, 4 (0.2%) in 1982 and 4 (0.2%) in 1983. Of the 8 recoveries in 1982-1983, 3 were from the northern Strait of Georgia, 1 from the central Strait of Georgia, 1 from Puget Sound, 1 offshore from Whale Channel and 2 were returned with no accompanying information (Fig. 20).

Recapture method was reported for 6 fish of which 4 were captured by trawl and 2 by longline. Five fish were returned whole. All of the fish rcovered (8) were greater than 70 cm at the time of release.

Growth of tagged dogfish

Measurements were made on all whole dogfish returned between 1978 and 1983. As in previous years the average net growth appears negative (Table 14) over the majority of years at large despite laboratory evidence (Smith et al. 1983) that tagging does not appear to have any long-term interference with growth. Reasons for the net loss have been discussed by

McFarlane et al. (1982) and until the effects of freezing and thawing on length have been quantified and growth estimates standardized the information presented here may be considered only as a minimum.

Oxytetracycline (OTC) studies

As of December 31, 1983 a total of 369 whole injected fish have been recovered. Of the 1460 injected fish released in 1980 a total of 25 have been recovered of which 13 were recovered during 1982-1983. During 1981, 3572 fish were tagged and injected of which the majority of recoveries, 165 of 178 were made during 1982-1983. During 1982, 7981 injected fish were released of which 67 were recovered in 1982 and 92 were recovered in 1983. During 1983, 812 injected fish were released of which 7 were recovered during 1983.

Two hundred and sixty-one spines have been recovered from the 369 recoveries of injected fish. Examination of these spines and the time mark laid down by the OTC continues to indicate that the rings do form annually and that the ageing technique appears valid (Beamish and McFarlane in prep).

ACKNOWLEDGMENTS

This study is intended to provide specific information to aid in the management of dogfish stocks as well as allow high school students to participate in the planning, execution, and analysis of a practical biological research problem. The success of this study is a direct result of the participation and enthusiasm of students of Campbell River Senior Secondary and Southgate Secondary schools. Student teams were supervised by teachers, David Brown, Van Egan, and Bill Kennedy. Thanks are extended to Captain Watson of INVADER NO. 1, Captain Ellis of the ROSE SPIT, and Captain Monrad of the NORE-DICK, whose expertise was most helpful during the tagging operation. Ivana Barber, Kathy Rutherford, and Shawn Stebbins assisted in preparation and proofing of figures and tables.

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Table 1. Summary of dogfish tag releases and OTC injections from 1978 to 1983.

Cruise	Numbers tagged			OTC injections			Series numbers		Area
	M	F	T	Inter-muscular	Intra-peritoneal	Control			
							Petersen Discs	Anchors	
April-June 1978	624	1294	1918				DF41000-42599	X01712-X0399	Campbell River area
							DF42800-42899		
April-May 1979	1668	1543	3214				DF42600-42799		Campbell River area
							42900-46299		
							Modified Petersen Discs		
November 1979	547	781	1328				DF59000-60338		Central Strait of Georgia
February 1980	1244	307	1551				DF60367-61928		Southern Strait of Georgia
March 1980	2399	809	3210				DF61929-65156		S. Central Strait of Georgia
April-May 1980	1752	969	2721	1460	0	1261	DF65200-65999		Campbell River area
							137000-138942		
							Petersen Discs		
June-July 1980	272	791	1064	no injection			DF46300-46810		Dixon Entrance, Q.C. Sound
							Modified Petersen Discs		Hecate Strait
							DF138892-139499		
April-May 1981	2733	661	3394	no injection			DF15700-160482		Campbell River area
							160500-160530		
November 1981	1212	2359	3574	2718	854	2	DF160484-160499		Central Strait of Georgia
							160531-161999		
							DF824000-8244173		
March 1982	2281	711	3001	1492	758	751	DF8244174-47205		Central Strait of Georgia
April-May 1982	2517	1019	3536	2793	0	743	DF8247206-DF8250761		Campbell River area
June-July 1982	3312	652	3965	1934	1004	1027	DF8250763-DF8254821		Central Strait of Georgia
July-Aug 1982	227	586	813	no injection			DF8258000-DF8258821		Dixon Entrance, Hecate Strait
Sept-Oct 1982	1266	2596	3864	no injection			DF8258827-DF8262940		Hecate Strait
May 1983	991	622	1613	812	0	801	DF8254822-DF56461		Campbell River area
Total	23045	15700	38766	11209	2616	4585			

Table 2. Set location and catch data for the central Strait area, March 1982.

Set no.	Date	Area	Depth (m)	Time set PST[a]	Soak time (min)	No. of Hooks	No. of dogfish	No. of incidental catch	
1	March 17	Northwest Bay-Mistaken Is.	146	1000	70	800	0	12	
2	"	S. Lambert Channel	80	1520	85	1150	1	22	
3	March 18	N. of Flora Is.	88	0705	65	250		1	
4	"	"	91	0730	80	260		1	sets
5	"	"	91	0945	75	600		5	combined
6	"	"	91	1200	90	600		5	
7	"	S. of Flora Is.-Tribune Bay	-	1450	70	250		1	
8	"	"	-	1515	85	250	9	1	
9	March 19	S. of Flora Is.-Tribune Bay	78	0630	100	650		4	
10	"	"	-	0710	150	500		4	sets
11	"	"	55	1045	75	700		4	combined
12	"	"	18	1110	120	100		3	
13	"	"	73	1340	85	250	15	1	sets
14	"	"	64	1405	115	750		9	combined
15	March 20	Lambert Channel	46	0650	75	220		8	
16	"	SE Cape Lazo, inside Gulley	82	0945	105	600		1	sets
17	"	"	115	1035	145	610		2	combined
18	"	"	-	1430	75	600	50	-	
19	March 21	"	-	0640	135	1200		3	
20	"	"	128	1115	100	600		3	
21	"	"	128	1220	105	700	34	-	sets
22	"	"	-	1535	60	600		1	combined
23	March 22	SE Cape Lazo	81	0735	100	600		3	
24	"	"	79	0815	155	500		5	
25	"	Ajax-Exeter	87	1230	100	600	5	5	
26	March 23	E. Cape Lazo, outside Gulley	113	1310	80	1200		1	
27	"	"	101	1630	85	1200	31	2	
28	March 24	Vivian Is.	137	0745	85	200		0	
29	"	Grants Reef	119	0830	75	300		3	
30	"	Vivian Is.	150	1040	90	1000		7	
31	"	"	119	1410	95	1000	15	16	
32	March 25	"		0745		800			
33	"	"		0810		400			
34	"	"	91	1215	105	800		5	
35	"	"	-	1620	45	600	46	-	
36	March 26	"	128	0650	100	600		6	
37	"	"	96	0725	140	600	-	13	
Total						22640	206	157	

[a]Pacific Standard Time.

Table 3. Set location and catch data for Campbell River area, April-May 1982.

Set no.	Date	Area	Depth (m)	Time set PST[a]	Soak time (min)	No. of Hooks	No. of dogfish	No. of incidental catch
1	April 26	Marina Is.	97	0900	75	309	122	8
2	"	"	82	1200	50	311	146	0
3	"	"	79	1420	40	309	129	5
4	April 29	"	73	0900	35	301	95	3
5	May 3	"	97	0900	55	311	79	4
6	"	"	91	1100	55	310	73	10
7	"	Cape Mudge	150	1350	70	293	166	2
8	May 4	"	73	0835	50	309	22	50
9	"	"	139	1100	55	307	161	3
10	"	"	106	1400	40	304	123	3
11	May 6	"	101	0835	70	303	107	3
12	"	"	110	1215	60	304	112	1
13	May 7	"	104	0855	60	295	83	4
14	May 10	Marina Is.	55	0910	50	299	21	6
15	"	"	82	1045	70	310	59	1
16	"	Cape Mudge	119	1330	60	309	182	1
17	May 12	"	59	0825	50	311	9	25
18	"	"	110	1010	60	312	168	2
19	"	"	137	1235	65	307	122	3
20	May 13	Cape Mudge	128	0830	50	300	151	4
21	"	Dogfish Bay	100	1115	60	300	14	5
22	"	Cape Mudge	128	1325	65	300	176	2
23	May 14	"	110	0820	75	300	166	5
24	"	Oyster Bay	121	1135	55	285	96	0
25	"	"	95	1325	55	294	44	9
26	May 17	Marina Is.	95	0850	65	300	71	2
27	"	"	99	1100	60	304	43	5
28	"	Cape Mudge	121	1330	42	299	27	4
29	May 18	"	64	0825	60	300	5	25
30	"	"	135	1035	60	287	92	18
31	"	"	132	1245	70	298	68	11
32	May 19	"	128	0830	55	311	39	13
33	"	"	137	1030	70	307	68	13
34	"	"	155	1250	65	300	197	2
35	May 20	"	137	0835	55	306	59	8
36	"	"	141	1035	65	299	61	9
37	"	"	146	1245	80	295	112	3
38	May 21	"	165	0855	50	300	45	13
39	"	"	146	1110	50	300	37	12
40	"	"	128	1320	60	300	70	2
Total						12099	3570	293

[a]Pacific Standard Time.

Table 4. Set location and catch data for Campbell River area, May 1983.

Set no.	Date	Area	Depth (m)	Time set PST[a]	Soak time (min)	No. of Hooks	No. of dogfish	No. of incidental catch
1	May 3	Cape Mudge	67	0855	60	301	7	14
2	"	"	148	1120	50	300	80	26
3	"	"	154	1355	40	307	44	16
4	May 4	Marina Is.	68	0900	50	309	48	9
5	"	Smelt Bay	124	1110	65	310	74	1
6	"	Cape Mudge	131	1415	50	300	42	23
7	May 5	"	171	0830	50	293	95	7
8	"	"	149	1030	75	300	69	16
9	"	"	191	1255	65	306	76	11
10	May 6	"	154	0845	50	302	47	17
11	May 9	"	147	0845	60	300	41	35
12	"	"	169	110	65	300	50	15
13	"	"	210	1300	75	305	108	4
14	May 10	"	215	0845	75	310	62	10
15	"	"	210	1110	70	299	72	4
16	"	"	209	1320	70	304	84	8
17	May 11	"	17	0840	60	305	24	165
18	"	"	201	1100	65	305	50	17
19	"	"	215	1305	70	308	58	14
20	May 12	"	25	0835	70	300	5	25
21	"	"	151	1030	18	300	13	19
22	"	"	229	1254	70	300	73	10
23	May 13	Oyster Bay	111	0910	65	301	54	3
24	"	"	110	1120	55	301	78	3
25	"	"	110	1330	80	296	80	9
26	May 16	Francisco Pt.	17	0825	70	305	12	34
27	"	Marina Is.	228	1115	70	305	84	2
28	"	Baker Pass Reef	196	1330	75	307	45	3
29	May 17	Francisco Pt.	175	0840	65	295	38	10
30	"	"	199	1100	65	280	53	0
Total						9050	1666	530

[a]Pacific Standard Time.

Table 5. Numbers and tag identification of dogfish released in the Strait of Georgia by M/V ROSE SPIT, March 1982.

Set no.	Release location	No. released			Tag no. range D82	No. injected		Cumulative release total
		M	F	T		MD	PC	
1	Qualicum-Parksville	39	4	43	44174 - 44216	-	18	43
2	Lambert Channel	11	4	15	44217 - 44231	8	7	58
5	Flora Is - Tribune Bay	155	16	172	44232 - 44403	92	29	230
6	"	47	8	55	44404 - 44459	33	21	285
7	"	19	3	22	44460 - 44481	17	-	307
8	"	56	10	66	44482 - 44550	21	25	373
12	"	251	26	278	44551 - 44833	147	58	651
14	"	76	16	93	44834 - 44927	36	33	744
18	Komass Bluff	363	82	448	44928 - 45379	227	120	1192
19	"	137	14	152	45380 - 45531	90	25	1344
22	"	227	63	291	45532 - 45822	150	75	1635
23	"	56	9	65	45823 - 45887	18	25	1700
24	"	34	16	50	45888 - 45937	32	-	1750
25	Ajax-Exeter Bank	54	2	56	45938 - 45993	16	32	1806
26	Komass Bluff	141	59	200	45994 - 46199	109	42	2006
27	"	128	40	169	46095 - 46363	75	43	2175
28	Grant Reef	14	14	28	46364 - 46391	21	7	2203
29	"	27	11	38	46392 - 46429	29	-	2241
30	"	70	48	118	46430 - 46547	50	27	2359
31	"	50	40	90	46548 - 46638	50	23	2449
32	"	84	87	171	46639 - 46811	89	49	2620
35	"	150	98	248	46812 - 47065	110	63	2868
36	"	41	27	68	47066 - 47140	49	11	2936
37	"	51	14	65	47141 - 47205	23	25	3001
Total		2231	711	3001		1492	758	3001

[a]Total column includes 9 unsexed fish.
[b]Intermuscular injection.
[c]Intraperitoneal injection.

Table 6. Numbers and tag identification of dogfish released in the Campbell River area, April-May 1982.

Set no.	Release location	No. released M	F	T	Tag no. range D82	No. injected Ma	Cumulative release total
1	Marina Is.	53	67	120	47206 - 47267 47300 - 47357	120	120
2	"	75	66	141	47268 - 47299 47358 - 47399 47400 - 47445 47500 - 47521	141	261
3	"	51	71	122	47522 - 47589 47446 - 47499	122	383
4	"	24	67	91	47590 - 47599 47600 - 47635 47700 - 47746	65	474
5	"	13	64	77	47634 - 47671 47747 - 47785	56	551
6	"	10	63	73	47672 - 47699 47786 - 47799 47800 - 47823 47900 - 47907	49	624
7	Cape Mudge	143	11	154	47824 - 47899 47908 - 47975 48000 - 48009	130	778
8	"	9	9	18	47976 - 47985 48010 - 48017	18	796
9	"	135	21	156	47986 - 47999 48018 - 48093 48100 - 48166	127	952
10	"	112	3	115	48094 - 48099 48167 - 48199 48200 - 48253 48300 - 48322	91	1067
11	"	140	34	174	48254 - 48299 48324 - 48401 48500 - 48849	163	1241
12	"	105	6	111	48550 - 48619 48402 - 48439	65	1352
13	"	55	25	80	48440 - 48487 48620 - 48655	71	1432
14	Marina Is.	1	20	21	48488 - 48498 48656 - 48665	21	1453
15	"	8	50	58	48499, 48666 - 48695 48700 - 48727	37	1511
16	Cape Mudge	171	-	171	48696 - 48699 48728 - 48799 48800 - 48894	107	1682
17	"	4	5	9	48895 - 48900 49000 - 49002	9	1691

Table 6 (cont'd)

Set no.	Release location	No. released M	F	T	Tag no. range D82	No. injected M	Cumulative release total
18	"	153	13	166	48901 - 48971 49003 - 49098	116	1857
19	"	111	11	122	48972 - 48999 49099 - 49162 49200 - 49230	102	1979
20	"	146	2	148	49163 - 49199 49231 - 49299 49300 - 49333 49400 - 49408	110	2127
21	Francisco Pt	13	1	14	49334 - 49340 49409 - 49415	14	2141
22	Cape Mudge	159	11	170	49341 - 49518 49416 - 49607	134	2311
23	"	160	3	163	49519 - 49599 49700 - 49782	126	2474
24	Oyster Bay	74	18	92	49608 - 49656 49783 - 49825	75	2566
25	"	26	18	44	49657 - 49678 49826 - 49847	34	2610
26	Marina Is.	6	63	69	49848 - 49877 49679 - 49699 50000 - 50017	52	2679
27	"	3	40	43	49878 - 49898 50018 - 50040	33	2722
28	Cape Mudge	17	10	27	49899 - 49910 50041 - 50055	23	2749
29	"	3	2	5	49911 - 49915	5	2754
30	"	74	16	90	49916 - 49954 50056 - 50099 50100 - 50106	70	2844
31	"	60	7	67	49955 - 49987 50107 - 50140	55	2911
32	"	14	25	39	49988 - 49999 50141 - 50160 50200 - 50206	27	2950
33	"	31	37	68	50161 - 50194 50207 - 50240	34	3018
34	"	112	30	142	50195 - 50199 50241 - 50299 50300 - 50377	94	3160
35	"	40	18	58	50378 - 50435	39	3218
36	"	39	22	61	50436 - 50465 50500 - 50535	45	3279
37	"	67	43	110	50466 - 50499 50536 - 50590 50600 - 50622	76	3389

Table 6 (cont'd)

Set no.	Release location	No. released M	F	T	Tag no. range D82	No. injected Mª	Cumulative release total
38	Cape Mudge	24	21	45	50591 - 50599 50623 - 50644 50700 - 50714	45	3434
39	"	24	11	35	50645 - 50660 50715 - 50733	35	3469
40	"	52	15	67	50661 - 50699 50734 - 50761	57	3536
Total		2517	1019	3536		2793	3536

[a] Intermuscular injection.

Table 7. Numbers and tag identification of dogfish released in the Strait of Georgia by R/V G.B. REED, June-July 1982.

Set no.	Release location	No. released			Tag no. range D82	No. injected		Cumulative release total
		M	F	Ta		Mp	Pc	
1	W. Cape Lazo	183	104	287	50763 - 51066 51100 - 51104	152	73	287
2	"	293	18	311	51057 - 51099 51105 - 51348 51400 - 51430	172	70	598
3	"	100	6	107	51349 - 51399 51431 - 51478 51500 - 51508	60	25	705
4	"	80	9	89	51479 - 51499 51509 - 51544 51600 - 51622	45	25	794
5	"	45	3	48	51555 - 51576 51623 - 51649	22	18	842
6	"	18	1	19	51577 - 51584 51650 - 51661	8	7	861
7	"	15	-	15	51585 - 51599	15	-	876
8	"	55	3	58	51662 - 51720	16	-	934
9	"	37	3	40	51721 - 51760	25	-	974
10	"	107	9	116	51761 - 51881	-	67	1090
11	"	147	9	156	51882 - 51989 52000 - 52047	90	41	1246
12	"	67	2	69	51990 - 51999 52048 - 52083 52100 - 52122	33	25	1315
13	"	107	10	117	52084 - 52099 52123 - 52173 52200 - 52251	49	18	1432
14	"	27	2	29	52252 - 52280	-	29	1461
15	"	74	4	78	52174 - 52199 52281 - 52328 52400 - 52405	29	24	1539
17	"	11	-	11	52329 - 52339	-	6	1550
18	"	81	13	94	52340 - 52383 52406 - 52459	52	23	1644
19	"	22	5	27	52384 - 52394 52460 - 52475	27	-	1671
20	Cape Lazo	52	5	57	52395 - 52399 52476 - 52523 52600 - 52603	57	-	1728
21	"	66	30	96	52524 - 52571 52604 - 52651	48	25	1824
22	"	45	20	65	52572 - 52599 52652 - 52687 52700 - 52701	30	24	1889

Table 7 (cont'd)

Set no.	Release location	No. released M	F	T[a]	Tag no. range D82	No. injected M[b]	P[c]	Cumulative release total
24	Cape Lazo	175	46	221	52688 - 52699 52702 - 52870 52900 - 52942	139	39	2110
26	"	283	15	298	52871 - 52899 52943 - 53218 53300 - 53301	172	74	2408
27	"	48	4	52	53219 - 53277	52	-	2460
28	"	230	19	249	52278 - 52299 53302 - 53521 53600 - 53614	132	46	2709
30	"	12	3	15	53522 - 53536	-	14	2724
31	W. Cape Lazo	27	6	33	53537 - 53570	33	-	2757
32	"	291	124	415	53571 - 53599 53615 - 53955 54000 - 54051	233	107	3172
33	Qualicum	-	3	3	54052 - 54054	3	-	3175
34	"	12	5	17	54055 - 54071	17	-	3192
36	W. Cape Lazo	11	6	17	53956 - 53973	-	-	3209
37	"	7	-	7	53974 - 53980	-	-	3216
38	"	87	19	106	53981 - 53999 54072 - 54130 54300 - 54327	-	-	3322
39	"	141	52	193	54131 - 54254 54328 - 54411	66	71	3515
40	"	181	24	205	54255 - 54299 54412 - 54560 54600 - 54614	72	47	3720
41	"	74	21	95	54561 - 54599 54615 - 54662 54700 - 54708	48	25	3815
42	"	31	16	47	54663 - 54681 54709 - 54736	19	25	3862
43	"	18	8	26	54682 - 54699 54737 - 54744	18	-	3888
44	"	34	2	36	54745 - 54780	-	22	3924
45	McCall Bank	-	3	3	54781 - 54783	-	-	3927
46	"	4	4	8	54784 - 54791	-	8	3935
47	"	12	14	26	54792 - 54817	-	26	3961
49	"	2	2	4	54818 - 54821	-	-	3965
Total		3312	652	3965		1934	1004	3965

[a]Total column includes 1 unsexed fish.
[b]Intermuscular injection.
[c]Intraperitoneal injection.

Table 8. Numbers and tag identifications of dogfish released in Hecate Strait by M/V NORE-DICK July-Aug 1982.

Set no.	Release date	Release location	No. released M	F	T	Tag no. range D82_____	Cumulative release total
1	July 24, 1982	54°09.3', 132°02.8'	-	2	2	58000 - 58003	2
3	"	54°10.2', 132°02.4'	-	2	2	58004 - 58005	4
5	"	54°09.2', 132°02.2'	-	1	1	58006	5
7	July 25, 1982	54°08.8', 131°59.6'	-	3	3	58007 - 58009	8
8	"	54°09.2', 131°59.7'	-	4	4	58010 - 58013	12
9	"	54°09.9', 131°58.9'	-	2	2	58014 - 58015	14
10	"	54°10.3', 131°58.6'	-	15	15	58016 - 58030	29
11	"	54°09.1', 131°58.0'	-	1	1	58031	30
12	"	54°09.4', 131°58.1'	1	11	12	58032 - 58043	42
13	"	54°10.0', 131°58.0'	-	5	5	58044 - 58048	47
14	"	54°10.1', 131°58.1'	1	17	18	58049 - 58066	65
15	July 26, 1982	54°09.2', 131°55.4'	-	1	1	58067	66
16	"	54°09.7', 131°55.9'	1	7	8	58068 - 58076	74
17	"	54°10.0', 131°55.7'	-	10	10	58077 - 58088	84
18	"	54°10.3', 131°55.5'	-	4	4	58089 - 58092	88
20	"	54°09.7', 131°55.2'	-	5	5	58093 - 58097	93
21	"	54°10.1', 131°55.4'	-	11	11	58098 - 58108	104
22	"	54°10.4', 131°55.2'	-	11	11	58109 - 58119	115
23	"	54°11.1', 131°55.2'	-	7	7	58120 - 58126	122
24	July 27, 1982	54°11.4', 131°54.7'	-	9	9	58127 - 58135	131
25	"	54°11.5', 131°55.3'	-	13	13	58136 - 58148	144
26	"	54°12.5', 131°55.9'	-	8	8	58149 - 58156	152
27	"	54°11.0', 131°55.4'	-	1	1	58157	153
28	"	54°11.3', 131°55.0'	-	7	7	58158 - 58164	160
29	"	54°11.9', 131°55.2'	-	22	22	58165 - 58186	182
30	"	54°12.2', 131°55.0'	-	15	15	58187 - 58201	197
31	July 28, 1982	54°08.0', 131°58.6'	2	13	15	58202 - 58216	212
32	"	54°07.8', 131°58.3'	-	7	7	58217 - 58223	219
33	"	54°08.1', 131°55.4'	-	2	2	58224 - 58225	221
34	"	54°08.5', 131°55.3'	-	2	2	58226 - 58227	223
36	"	54°07.8', 131°58.4'	-	1	1	58228	224
38	"	54°08.5', 131°55.3'	-	1	1	58229	225
39	July 29, 1982	54°10.0', 131°51.8'	1	1	2	58230 - 58231	227
40	"	54°10.2', 131°52.3'	1	2	3	58232 - 58234	230
43	"	54°09.9', 131°51.7'	-	1	1	58235	231
44	"	54°10.2', 131°52.2'	-	2	2	58236 - 58237	233
45	"	54°11.2', 131°48.1'	-	4	4	58238 - 58241	237
46	"	54°10.6', 131°48.5'	2	2	4	58242 - 58245	241
48	July 30, 1982	54°09.4', 132°00.8'	-	8	8	58246 - 58254	249
49	"	54°08.8', 131°59.1'	1	11	12	58255 - 58266	261
50	"	54°09.1', 132°00.8'	1	2	3	58267 - 58269	264
51	"	54°08.4', 131°59.5'	1	3	4	58270 - 58273	268
52	"	54°08.4', 131°59.7'	-	1	1	58274	269
53	"	54°08.3', 131°57.3	-	3	3	58275 - 57277	272
54	"	54°08.1', 131°59.3'	1	-	1	58278	273
55	"	54°00.0', 131°57.8'	-	1	1	58279	274

Table 8 (cont'd)

Set no.	Release date	Release location	No. released M	F	T	Tag no. range D82_____	Cumulative release total
56	July 30, 1982	54°08.4', 132°00.5'	-	2	2	58280 - 58281	276
57	"	54°07.2', 131°59.2'	1	-	1	58282	277
58	"	54°06.4', 132°04.2'	1	4	5	58283 - 58287	282
59	July 31, 1982	54°08.6', 131°51.6'	2	22	24	58288 - 58311	306
60	"	54°09.5', 131°51.1'	-	9	9	58312 - 58320	315
63	"	54°08.7', 131°51.8'	-	4	4	58321 - 58324	319
64	"	54°09.5', 131°51.4'	-	3	3	58325 - 58327	322
68	Aug 1, 1982	52°53.0', 130°38.0'	72	100	172	58328 - 58499	494
69	"	52°58.0', 130°33.0'	-	4	4	58500 - 58503	498
70	"	52°55.0', 130°47.0'	2	7	9	58504 - 58512	507
71	"	52°56.1', 130°46.9'	14	31	45	58513 - 58557	552
72	"	52°55.1', 130°45.7'	3	15	18	58558 - 58576	570
73	Aug 2, 1982	52°57.9', 130°40.7'	82	45	127	58577 - 58703	697
74	"	52°58.5', 130°43.6'	5	4	9	58704 - 58712	706
75	"	52°58.9', 130°46.9'	4	6	10	58713 - 58722	716
76	"	53°00.4', 130°49.0'	-	4	4	58723 - 58728	720
77	"	52°57.9', 130°40.7'	25	46	71	58729 - 58799	791
78	"	52°58.4', 130°43.3'	2	12	14	58800 - 58813	805
79	"	52°58.9', 130°46.6'	-	2	2	58814 - 58815	807
80	"	53°00.2', 130°49.0'	1	5	6	58816 - 58821	813
Total			227	586	813		813

Table 9. Numbers and tag identification of dogfish released in Hecate Strait by R/V G.B. REED, September 1982.

Set no.	Release location	No. released M	F	T[a]	Tag no. range D82	Cumulative release total
1	52°54.8' 130°27.5'	28	24	52	58827-58879	52
6	53°15.8' 131°01.6'	43	110	153	58880-59034	205
11	53°18.9' 130°54.7'	69	63	132	59035-59167	337
14	53°36.2' 131°15.0'	78	89	167	59168-59246 59300-59389	504
15	53°43.9' 130°48.7'	26	7	33	59247-59281	537
16	53°44.2' 130°44.8'	58	93	151	59282-59299 59390-59476 59500-59549	688
22	54°21.2' 131°08.3'	45	34	79	59477-59499 59550-59586 59600-59618	767
26	53°52.5' 130°54.6'	33	38	71	59587-59599 59619-59652 59700-59724	838
27	53°43.7' 131°07.0' 53°40.5' 131°00.2'	71	159	231	59653-59699 59725-59784 59800-59812 59785-59799 59813-59866 59900-59942	1069
30	53°36.9' 130°52.4'	47	31	78	59867-59899 59943-59972 60000-60014	1147
34	53°33.2' 130°56.7'	58	212	271	59973-59999 60015-60262	1418
36	53°25.0' 131°05.0'	41	46	87	60263-60319 60400-60433	1505
37	53°31.8' 130°54.2'	34	104	138	60320-60387 60434-60509	1643
40	53°26.7' 131°07.0'	14	20	34	60388-60399 60510-60514 60600-60619	1677
41	53°24.5' 131°05.3'	26	25	51	60515-60534 60620-60657	1728
43	53°13.5' 130°59.1'	60	195	255	60535-60599 60658-60781 60800-60875	1983
46	53°19.9' 131°02.2'	37	85	122	60782-60799 60876-60970 61000-61026	2105
50	53°46.9' 131°06.4'	57	96	153	60971-60999 61027-61157	2258
52	53°23.5' 130°53.8'	27	97	124	61158-61270 61300-61317	2382
53	53°06.4' 131°03.0'	69	126	195	61271-61299 61318-61477 61500-61507	2577
55	53°06.9' 130°48.4'	6	39	45	61508-61557	2622
56	53°06.9' 130°48.4'	18	36	54	61478-61490 61558-61599	2676

Table 9 (cont'd)

Set no.	Release location	No. released M	F	T[a]	Tag no. range D82	Cumulative release total
59	53°03.7' 130°58.2'	27	98	125	61491-61499 61600-61650 61700-61773	2801
62	53°01.9' 130°48.5'	4	19	23	61651-61673	2824
63	53°04.1' 130°43.8'	9	34	43	61674-61699 61774-61790	2867
67	53°04.1' 130°37.4'	14	26	40	61791-61832	2907
68	53°01.3' 130°26.2'	80	138	218	61833-62062 62100-62117	3125
69	53°01.3' 130°26.2'	20	30	50	62063-62088 62118-62143	3175
72	52°54.4' 130°47.3'	9	27	36	62144-62185	3211
73	52°54.4' 130°47.3'	25	59	84	62186-62275	3295
76	52°46.2' 130°53.9'	5	20	25	62089-62099 62276-62289	3320
77	52°51.2' 131°15.5'	14	96	110	62290-62336 62600-62664	3430
80	53°31.7' 131°24.2'	80	150	230	62337-62491 62500-62554 62665-62699	3660
83	52°51.2' 131°08.6'	11	58	69	62492-62499 62555-62576 62700-62740	3729
84	52°49.7' 131°08.3'	23	112	135	62577-62599 62741-62940	3864
Total		1266	2596	3864		3864

[a]Total column includes 2 unsexed fish.

Table 10. Numbers and tag identification of dogfish released in the Campbell River area, May 1983.

Set no.	Release location	No. released			Tag no. range D82___	No. injected	Cumulative release total
		M	F	T		M[a]	
1	Cape Mudge	2	5	7	54822 - 54824 54900 - 54903	4	7
2	"	57	22	79	54825 - 54865 54904 - 54941	26	86
3	"	32	12	44	54866 - 54888 54942 - 54963	23	130
4	Marina Is.	17	31	48	54889 - 54899 54964 - 54987 55500 - 55013	25	178
5	Smelt Bay	17	57	74	54988 - 54999 55014 - 55052 55100 - 55122	39	252
6	Cape Mudge	35	7	42	55053 - 55076 55123 - 55141	24	294
7	"	76	18	94	55077 - 55099 55142 - 55224	46	388
8	"	58	9	67	55190 - 55199 55225 - 55261 55300 - 55325	31	455
9	"	64	12	76	55256 - 55293 55326 - 55365	36	531
10	"	37	8	45	55294 - 55299 55366 - 55385 55400 - 55418	24	576
11	"	25	15	40	55386 - 55399 55419 - 55447	16	616
12	"	24	21	45	55448 - 55473 55500 - 55518	26	661
13	"	46	57	103	55474 - 55499 55519 - 55566 55600 - 55629	55	764
14	"	46	15	61	55567 - 55597 55630 - 55660	31	825
15	"	40	28	68	55598 - 55599 55662 - 55691 55700 - 55735	30	893
16	"	49	34	83	55692 - 55699 55736 - 55782 55800 - 55827	49	976
17	"	-	24	24	55783 - 55794 55828 - 55839	12	1000
18	"	26	21	47	55795 - 55799 55840 - 55865 55900 - 55917	22	1047
19	"	34	23	57	55864 - 55895 55918 - 55943	33	1104

Table 10 (cont'd)

Set no.	Release location	No. released M	F	T	Tag no. range D82___	No. injected M[a]	Cumulative release total
20	Cape Mudge	2	3	5	55896 - 55899 55944	-	1109
21	"	8	5	13	55945 - 55951 56000 - 56005	7	1122
22	"	35	38	73	55952 - 55985 56006 - 56044	34	1195
23	Oyster Bay	45	9	54	55986 - 55999 56045 - 56071 56100 - 56113	26	1249
24	"	61	13	74	56072 - 56099 56114 - 56148 56200 - 56210	39	1323
25	"	56	19	75	56149 - 56188 56211 - 56245	35	1398
26	Francisco Pt.	1	11	12	56189 - 56194 56246 - 56251	6	1410
27	Marina Is.	48	32	80	56195 - 56199 56252 - 56297 56300 - 56328	34	1490
28	Baker's Pass Reef	11	33	44	56298 - 56299 56329 - 56349 56400 - 56420	27	1534
29	Francisco Pt.	23	12	35	56350 - 56366 56421 - 56438	17	1569
30	"	16	28	44	56367 - 56389 56439 - 56461	35	1613
Total		991	622	1613		812	1613

[a] Intermuscular injection.

Table 11. Incidental longline catch by set during dogfish tagging, aboard ROSE SPIT, March 1982.

Species	Set no.																																							Total
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	20	1	2	3	4	5	6	7	8	9	30	1	2	3	4	5	6	7	
Rockfish																																							
Canary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Greenstripe	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3
Quillback	-	6	-	-	-	3	-	-	2	-	1	2	-	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	28
Yelloweye	-	-	1	1	5	1	-	1	-	1	2	-	-	3	-	-	-	-	1	2	-	-	-	-	4	-	-	-	2	6	13	-	-	-	3	3	5	54
Sablefish	3	6	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Lingcod	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Pacific cod	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5
Ratfish	9	6	-	-	-	-	-	-	-	-	-	1	1	-	4	-	1	-	-	-	-	-	1	2	-	1	2	-	-	1	2	-	-	-	-	1	2	34
Skate	-	2	-	-	-	1	1	-	1	-	-	-	-	-	-	1	1	-	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	12
Octopus	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Boxcrab	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2
Total	12	22	1	1	5	5	1	1	4	4	4	3	1	9	8	1	2	0	3	3	0	1	3	5	5	1	2	0	3	7	16	0	0	0	5	6	12	156

Table 12. Incidental longline catch by set during dogfish tagging, Campbell River area, April-May 1982.

| Species | Set no. | | |

Table 13. Incidental longline catch by set during dogfish tagging, Campbell River area, May 1983.

Species	Set no.																													Total
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	20	1	2	3	4	5	6	7	8	9	30	
Rockfish																															
Quillback	-	3	1	2	-	2	3	2	1	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	19
Yellowback	-	19	5	2	-	3	-	2	2	3	12	3	1	6	-	2	-	1	8	-	3	5	2	1	2	-	-	-	4	-	86
Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2
Blackcod	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	2	-	-	2	-	-	-	-	-	-	1	-	7
Hake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Lingcod	3	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Pacific cod	-	-	-	-	-	1	1	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	6
Ratfish	5	4	8	-	-	15	2	10	6	12	21	12	1	3	4	5	5	13	2	-	13	3	1	1	5	2	1	1	5	-	160
Skate	2	-	-	2	-	-	1	1	-	-	-	-	-	-	-	1	1	2	1	-	1	-	-	-	-	-	1	-	-	-	13
Anemones	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Sea pens	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sea urchins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Starfish	-	-	-	3	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	6
Sunstars	4	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	158	-	-	25	-	-	-	-	-	31	-	-	-	-	221
Total	14	26	16	9	1	23	7	16	11	17	35	15	4	10	4	8	165	17	14	25	19	19	3	3	9	34	2	3	10	-	530

Table 14. Growth of tagged dogfish recovered during 1978-1983.

Years at large (days)	Males					Females				
	n	$\bar{x}$ growth (cm)	Standard deviation	Min.	Max.	n	$\bar{x}$ growth (cm)	Standard deviation	Min. (cm)	Max. (cm)
0.5-1 (183-365)	41	-1.08	1.196	-3.5	2.1	66	-1.12	1.989	-11.0	2.4
2 (366-730)	98	-0.93	1.373	-5.3	4.8	106	-0.83	1.486	-5.0	6.3
3 (731-1095)	33	-0.49	1.835	-3.3	7.7	38	0.10	1.972	-5.8	4.2
4 (1096-1460)	33	-0.86	1.417	-4.0	3.9	24	0.75	2.503	-3.1	6.0
5 (1461-1825	7	-0.59	1.444	-2.1	1.4	13	1.04	3.791	-4.0	8.5

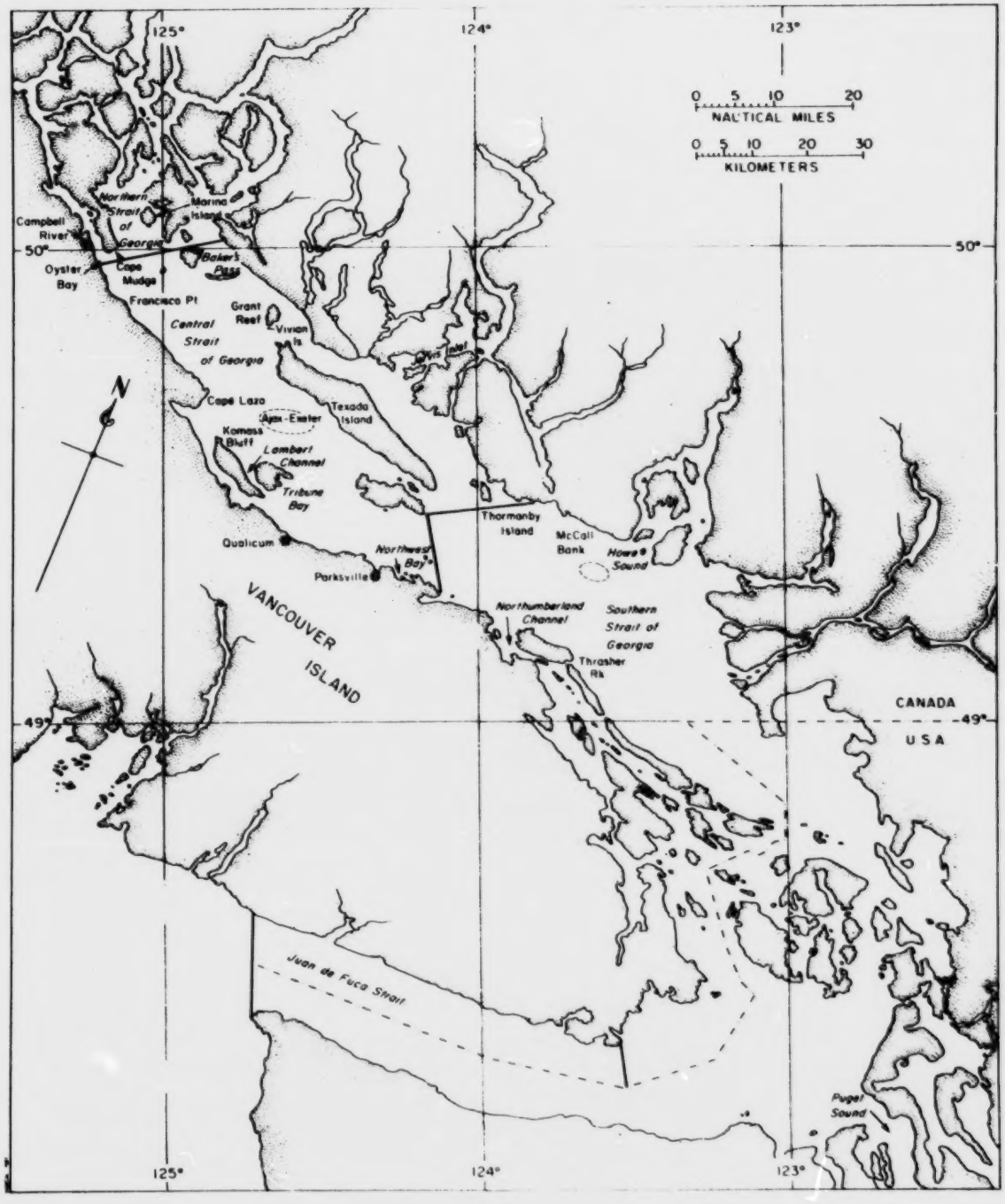

Figure 1. Location of reference release and recovery points in the Strait of Georgia, B.C.

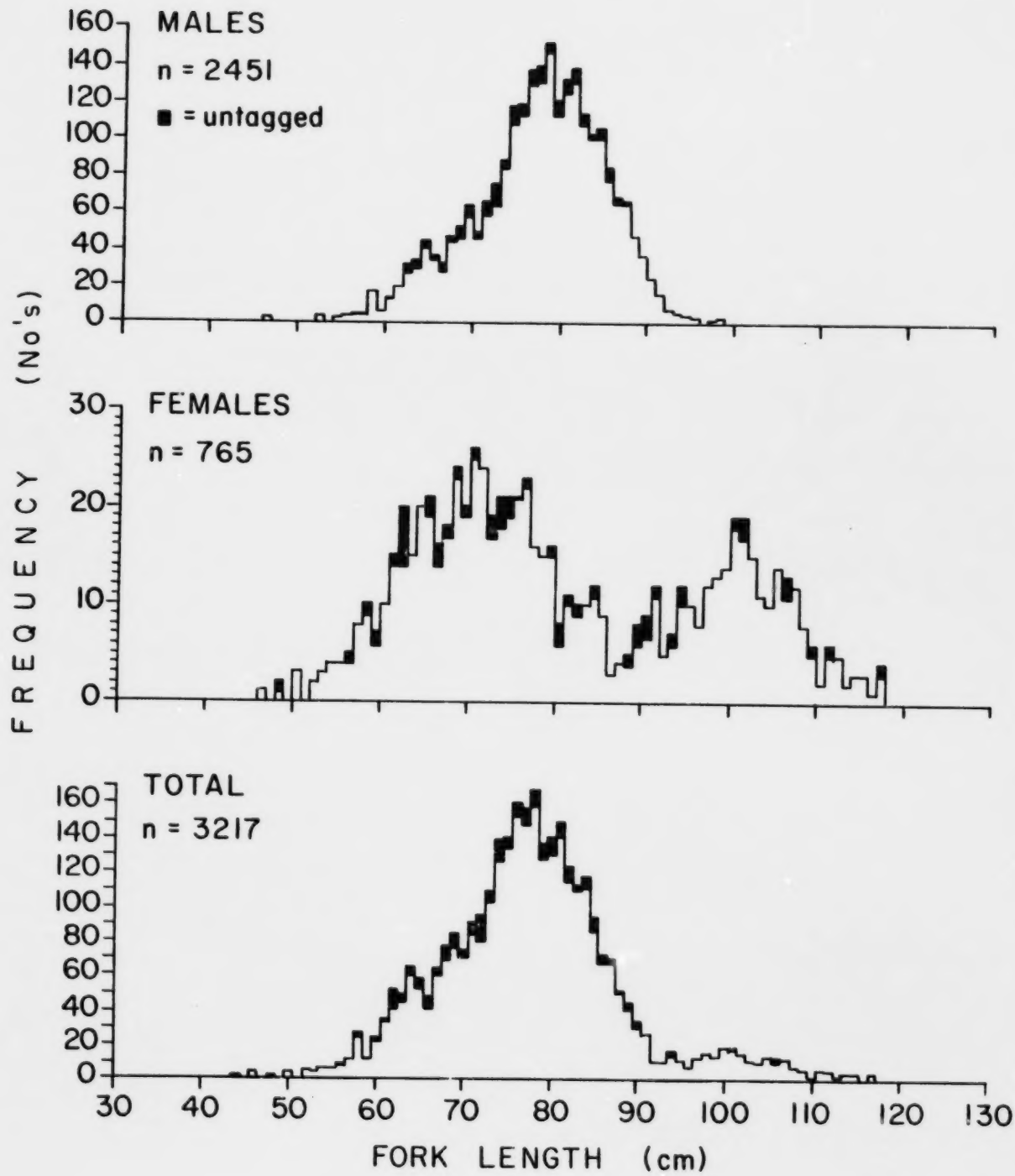

Figure 2. Length frequency of dogfish captured in the central Strait of Georgia during March, 1982 aboard the M/V ROSE SPIT.

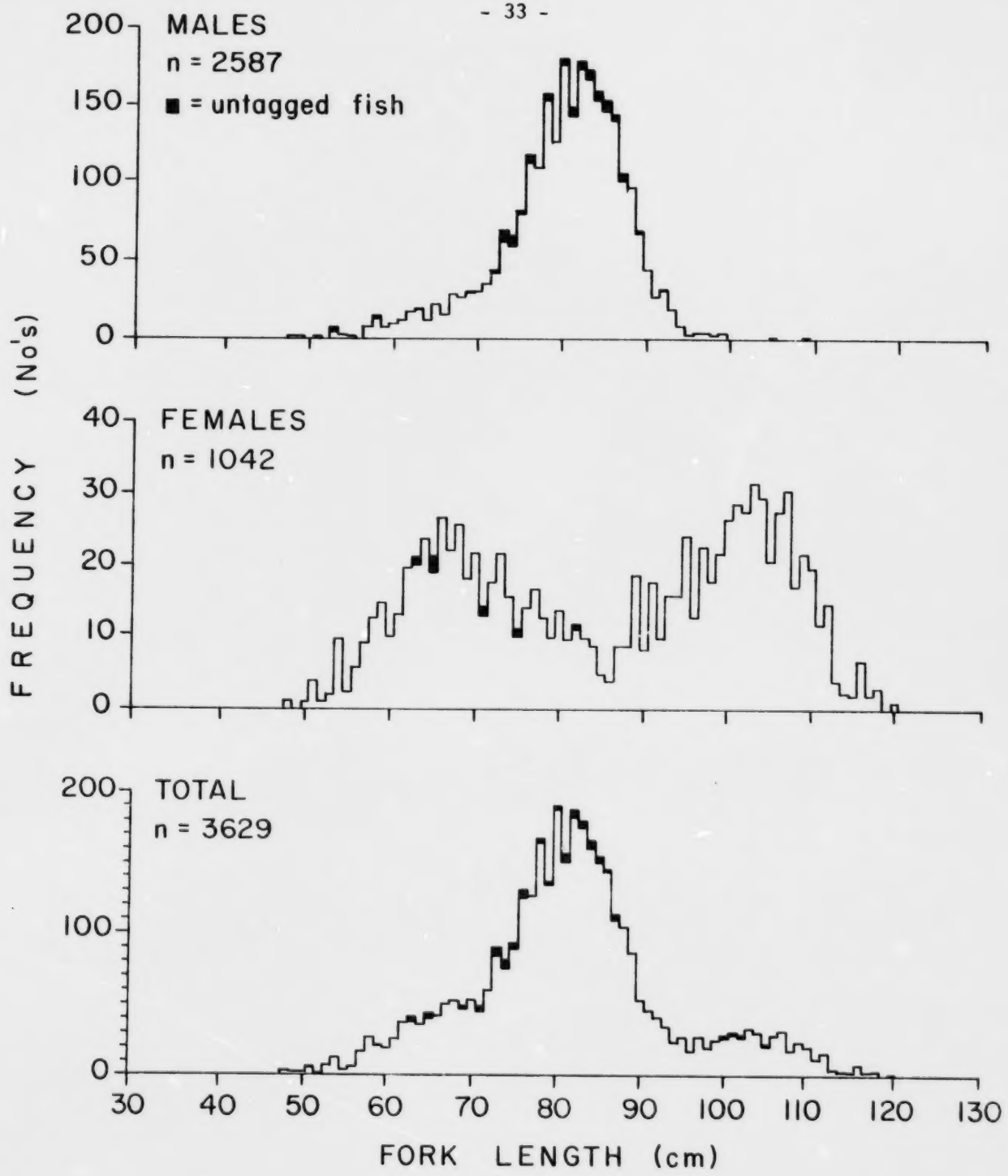

Figure 3. Length frequency of dogfish captured in the Campbell River area during April-May, 1982.

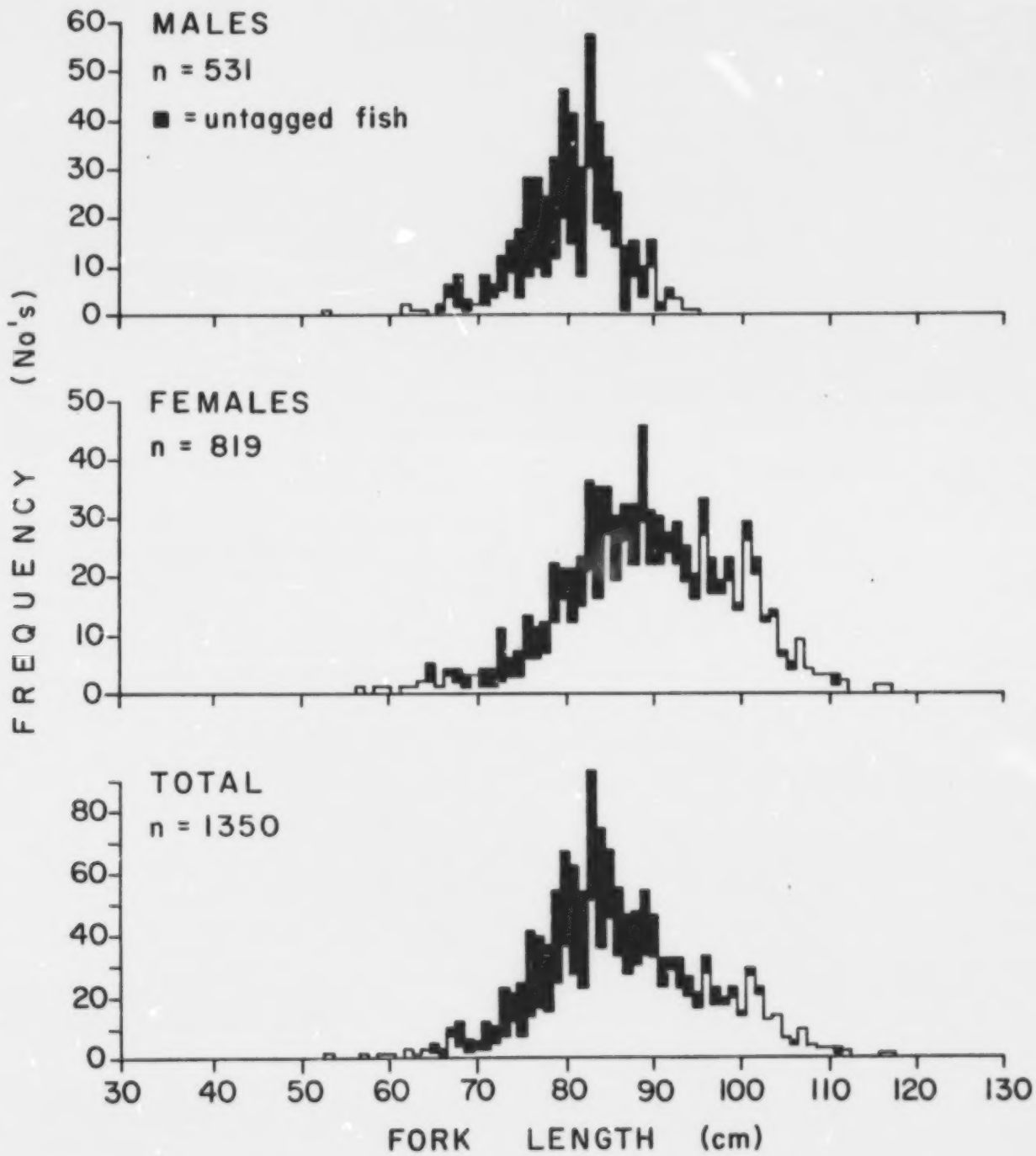

Figure 4. Length frequency of dogfish captured in the central Strait of Georgia during June-July, 1982 aboard the R/V G.B. REED.

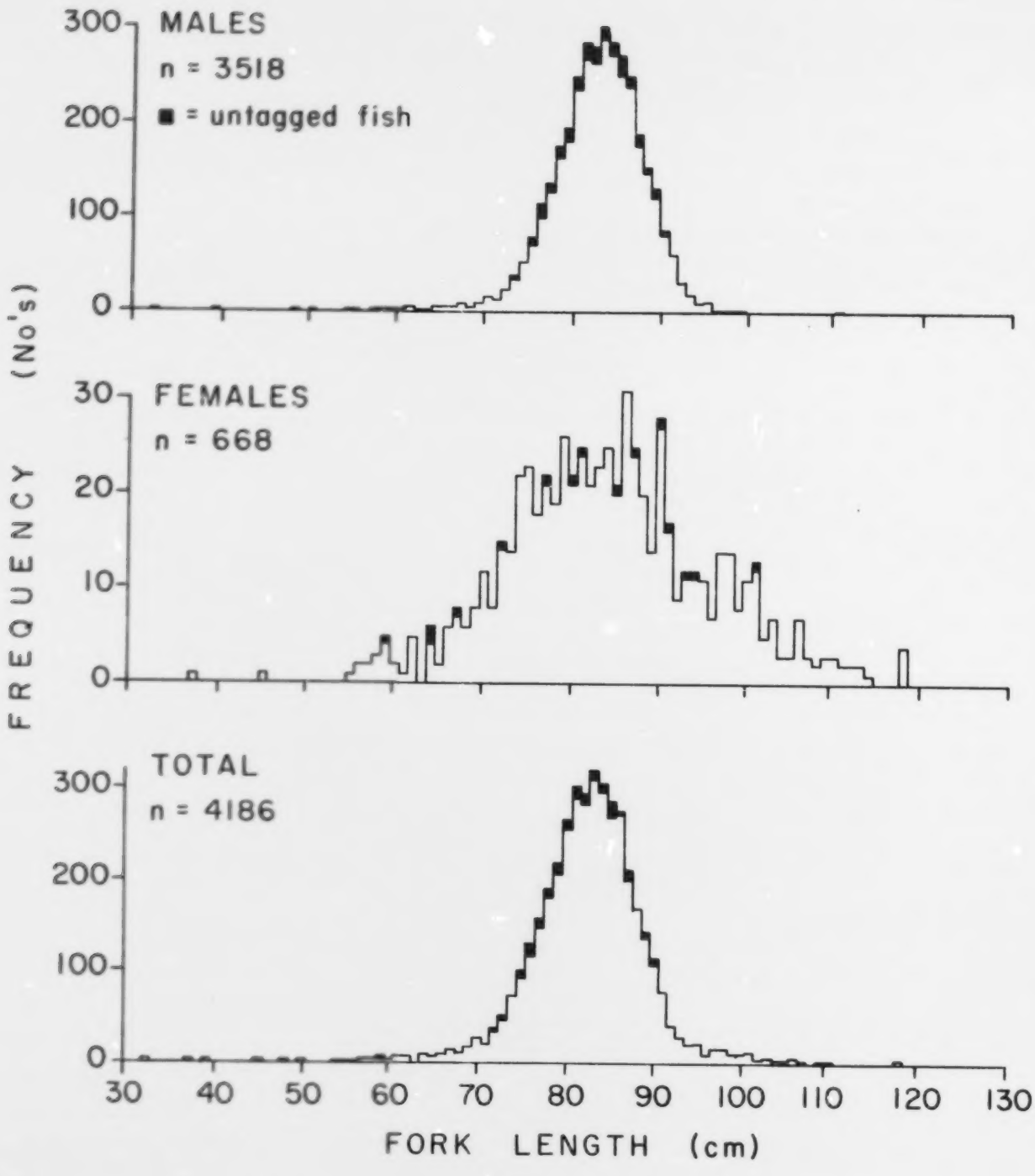

Figure 5. Length frequency of dogfish in Dixon Entrance and Hecate Strait during July-August, 1982 aboard the M/V NORE-DICK.

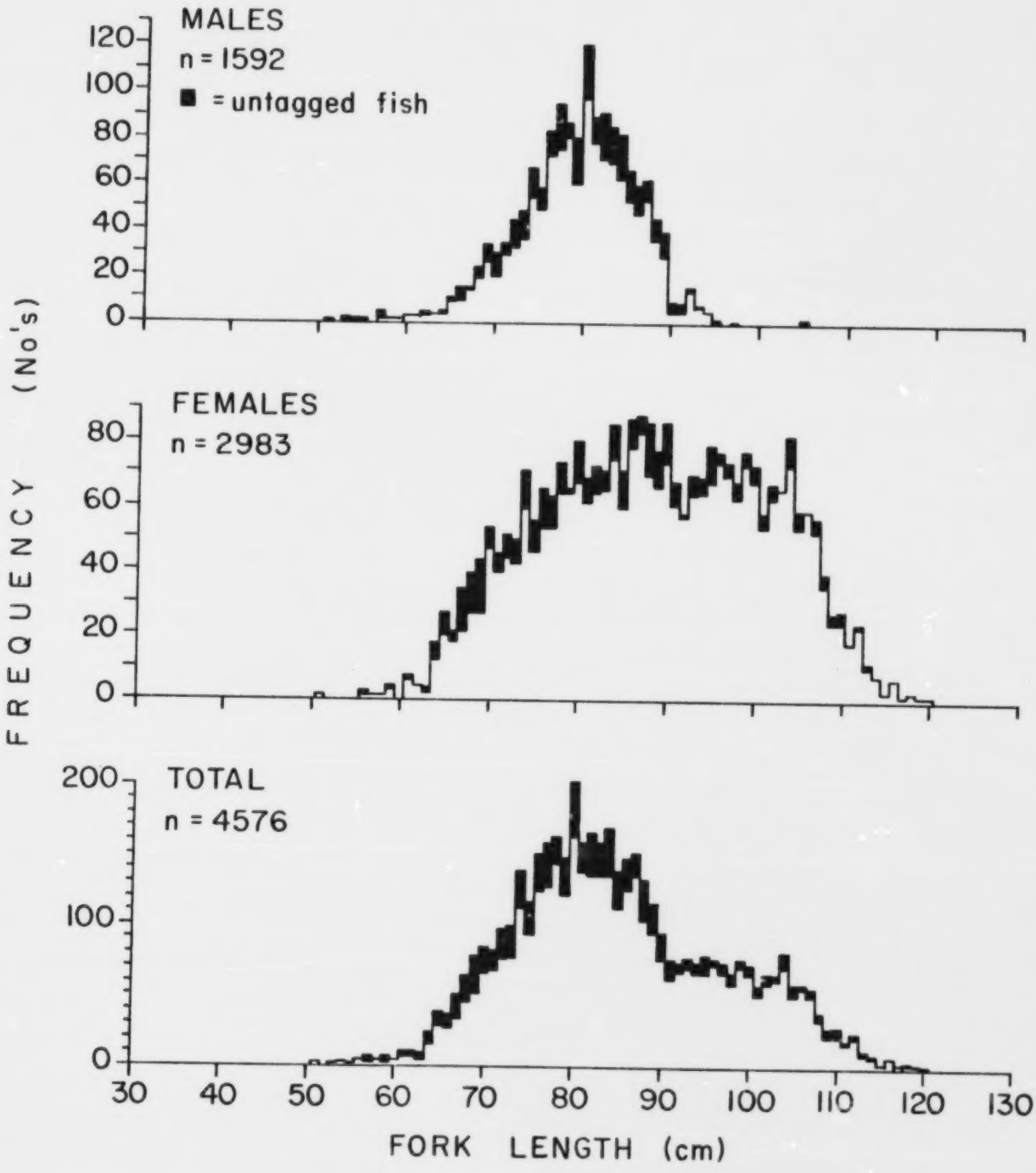

Figure 6. Length frequency of dogfish captured in Hecate Strait during September-October, 1982 aboard the R/V G.B. REED.

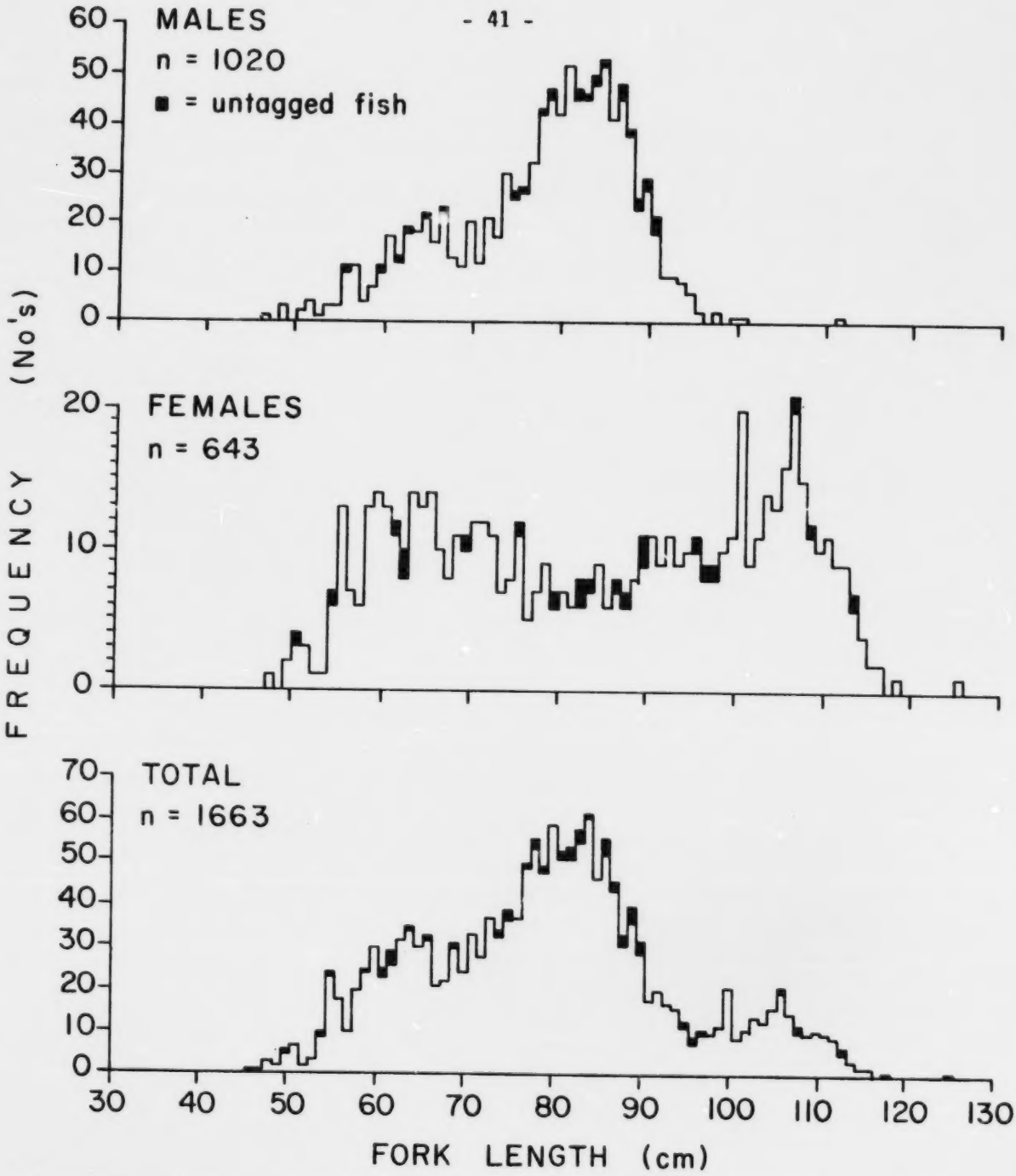

Figure 7. Length frequency of dogfish captured in the Campbell River area during May, 1983.

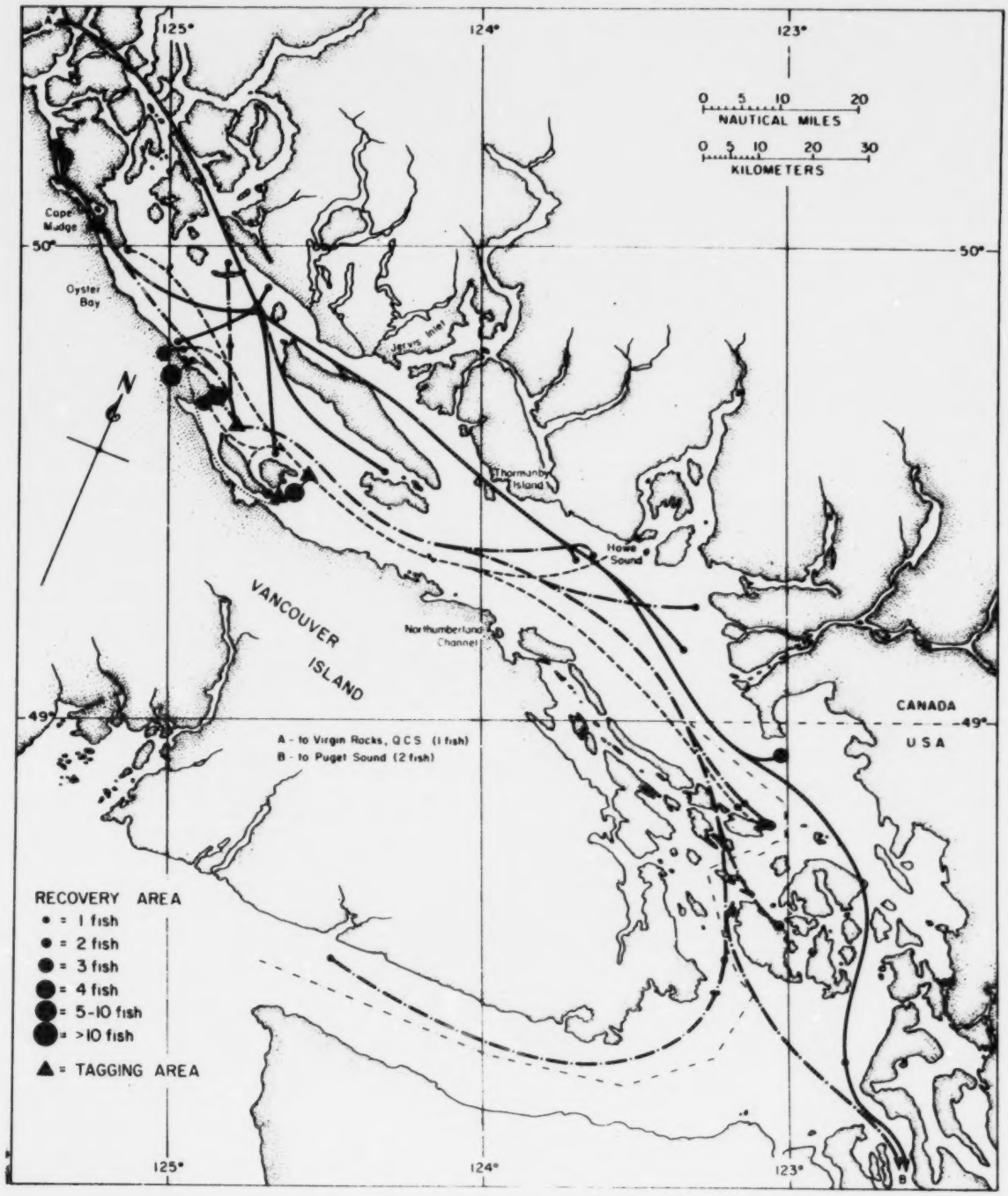

Figure 8. Tag release locations in the central Strait of Georgia, March, 1982 and 1982-1983 recovery locations.

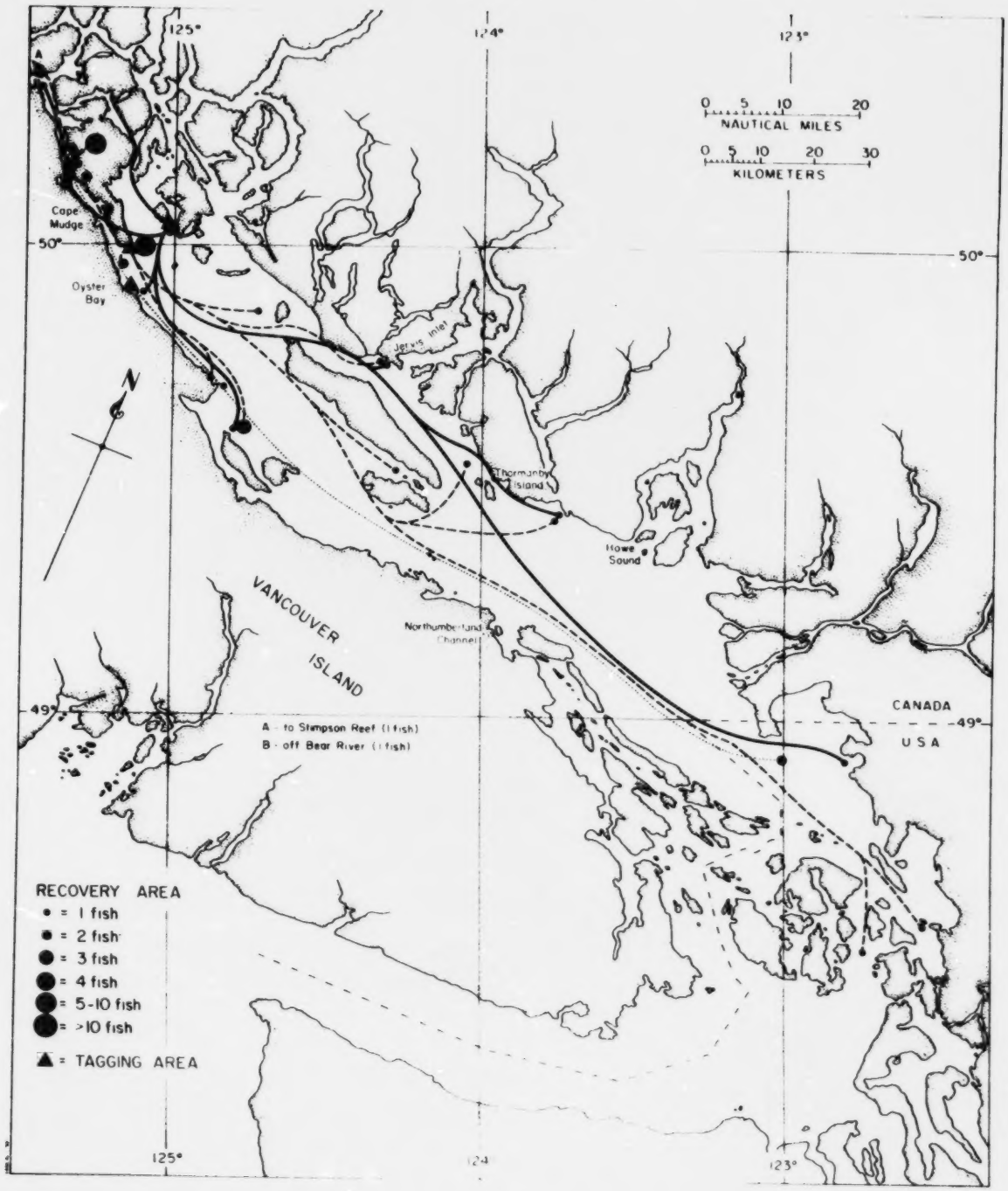

Figure 9. Tag release locations in the Campbell River area in May 1982 and Strait of Georgia 1982-1983 recovery locations.

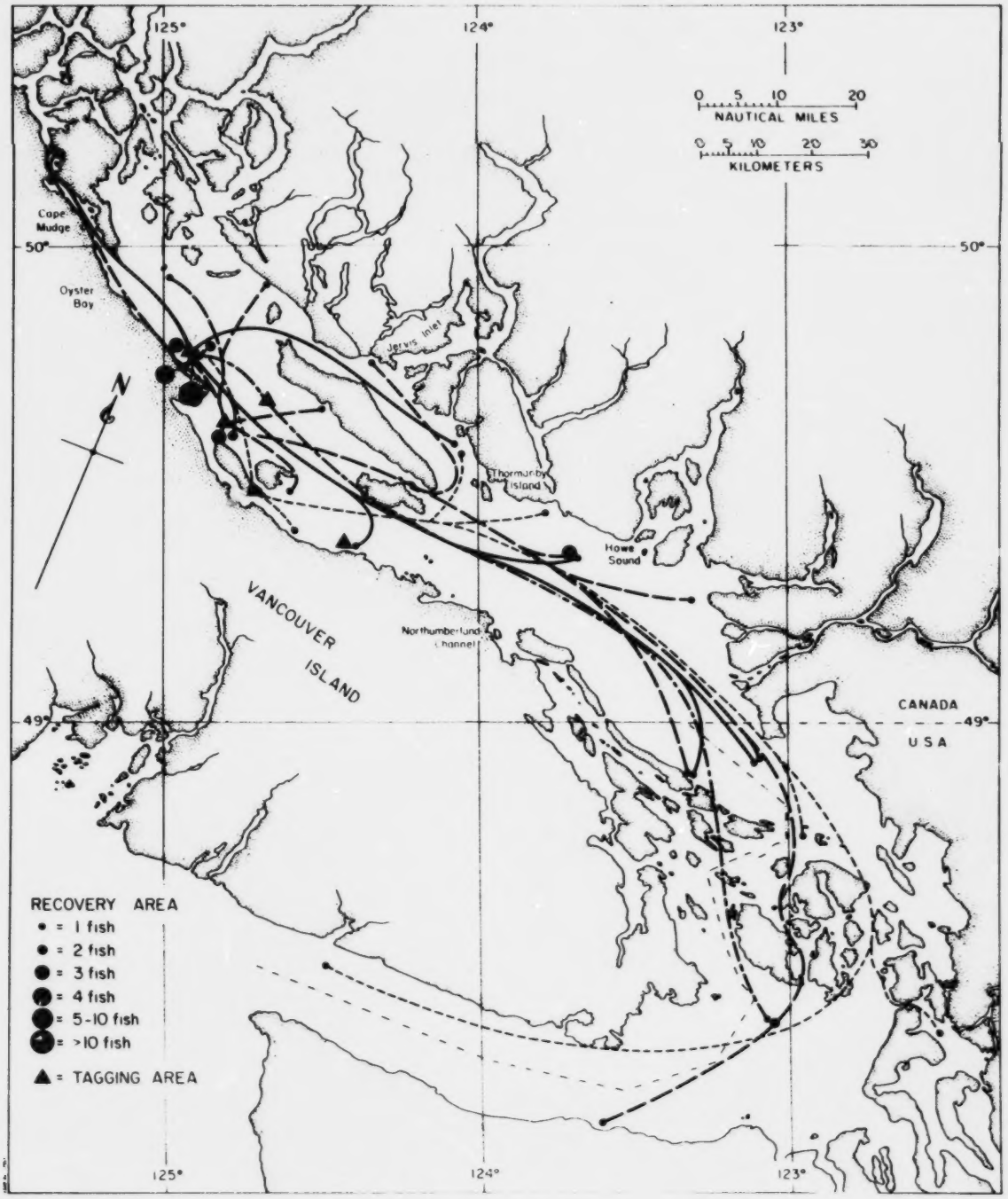

Figure 10. Tag release locations in the central Strait of Georgia June-July, 1982 and Strait of Georgia 1982 and 1983 recovery locations.

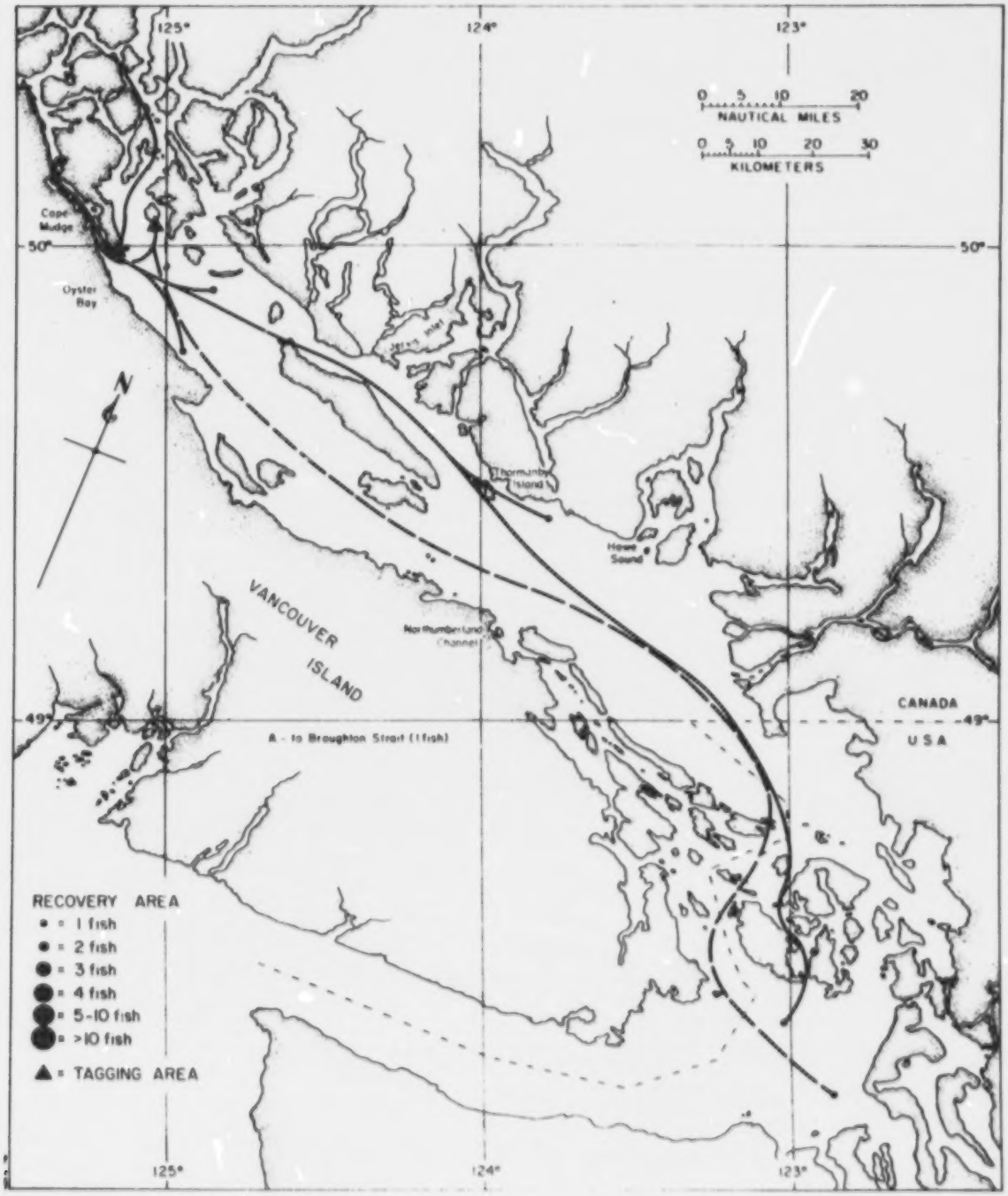

Figure 11. Tag release locations in the Campbell River area in May, 1983 and Strait of Georgia 1983 recovery locations.

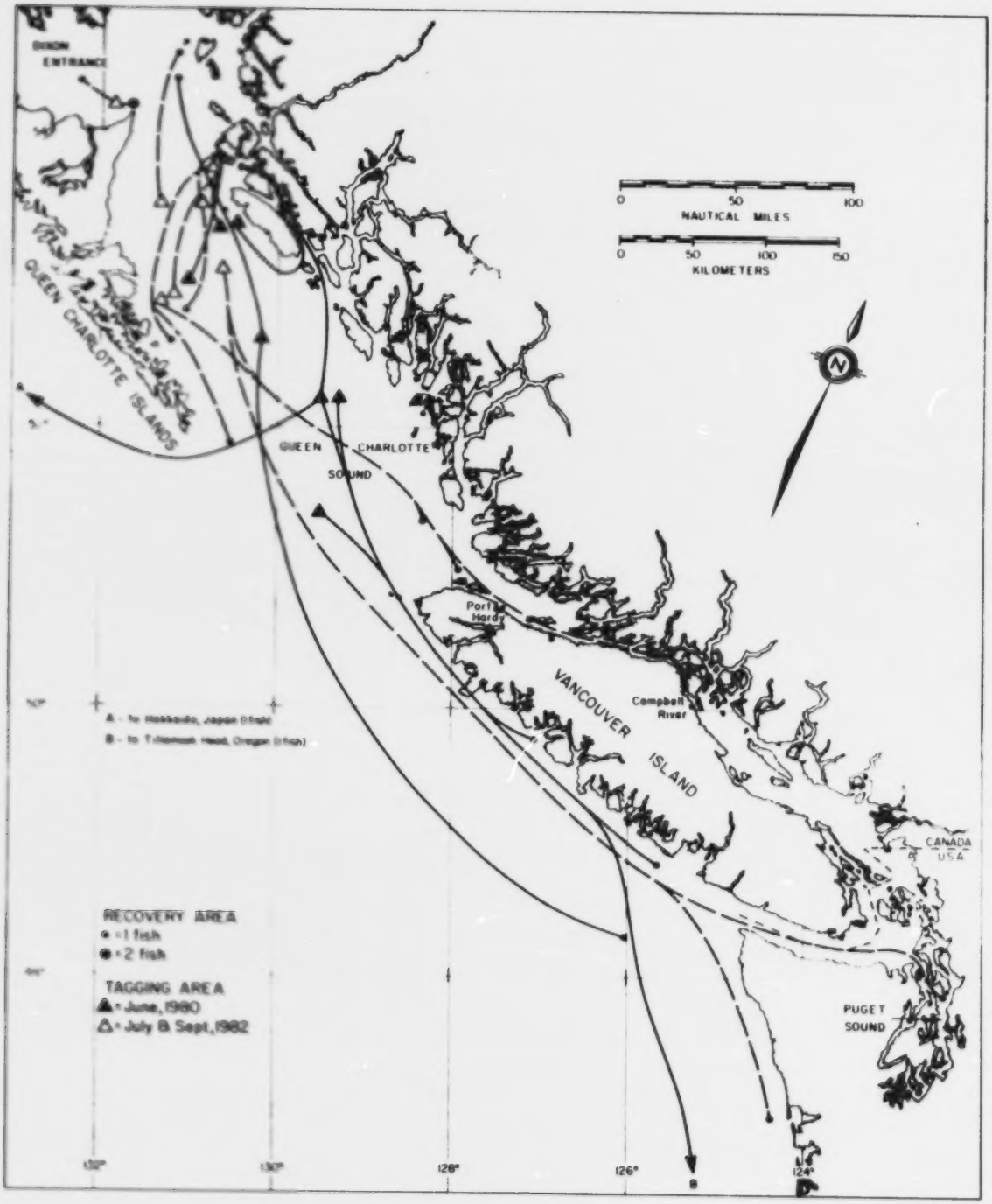

Figure 12. Tag release locations in Hecate Strait, Dixon Entrance, and Queen Charlotte Sound, June 1980 (ELLING K), July, 1982 (NORE-DICK), and September-October, 1982 (G.B. REED) and 1982-1983 recovery locations.

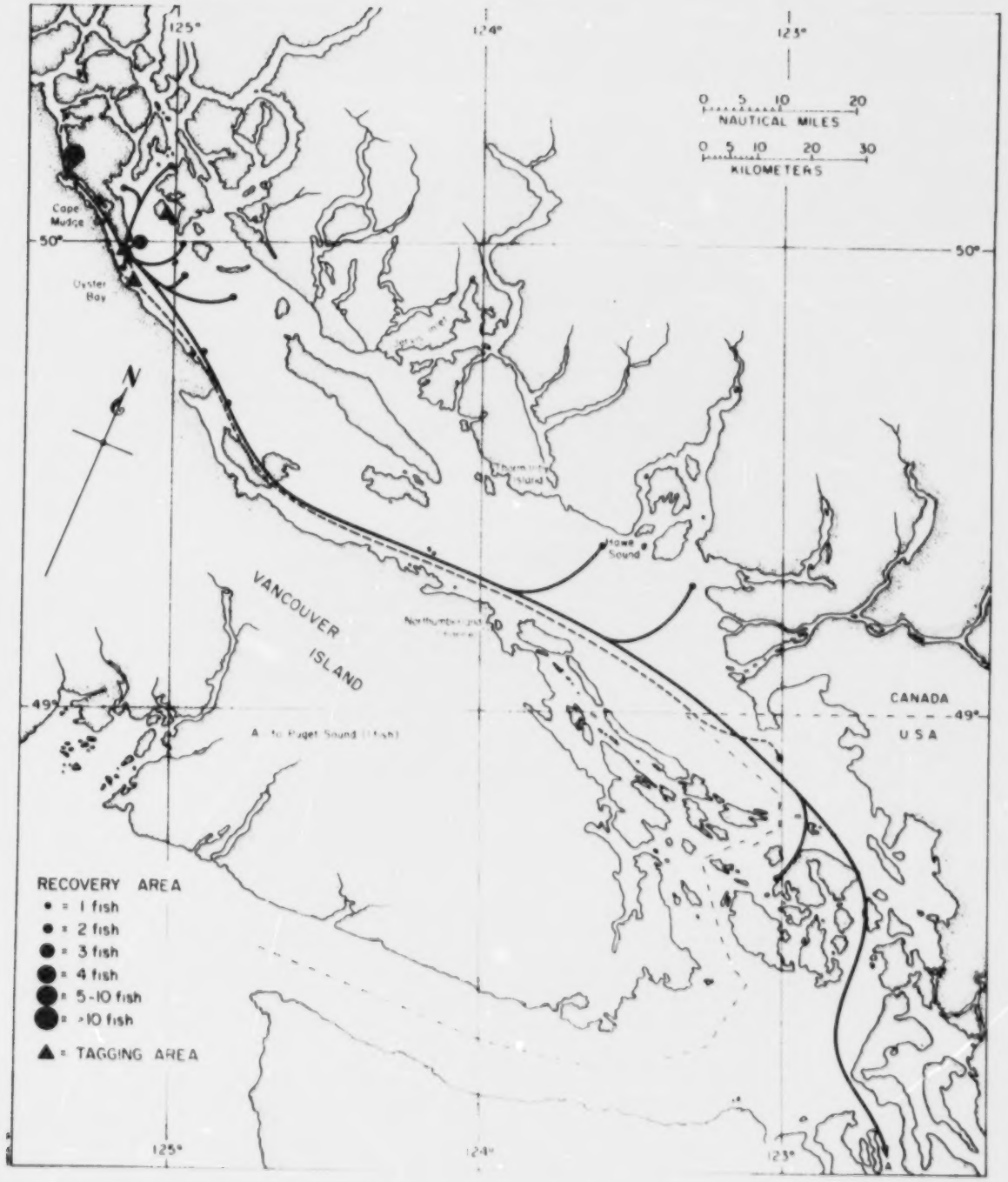

Figure 13. Tag release locations April-May, 1981 and Strait of Georgia 1982-1983 recovery locations.

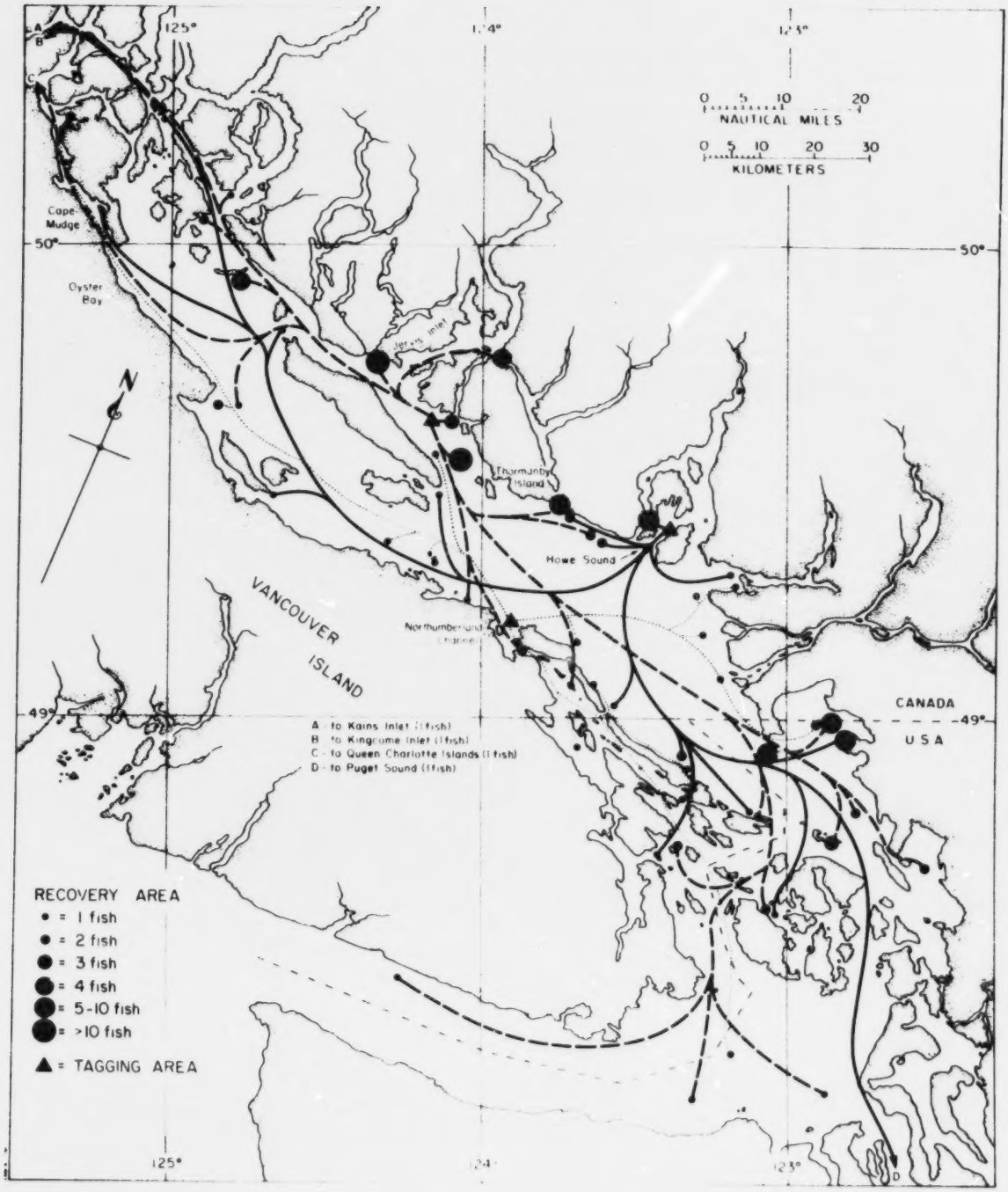

Figure 14. Tag release locations November, 1981 and Strait of Georgia 1982-1983 recovery locations.

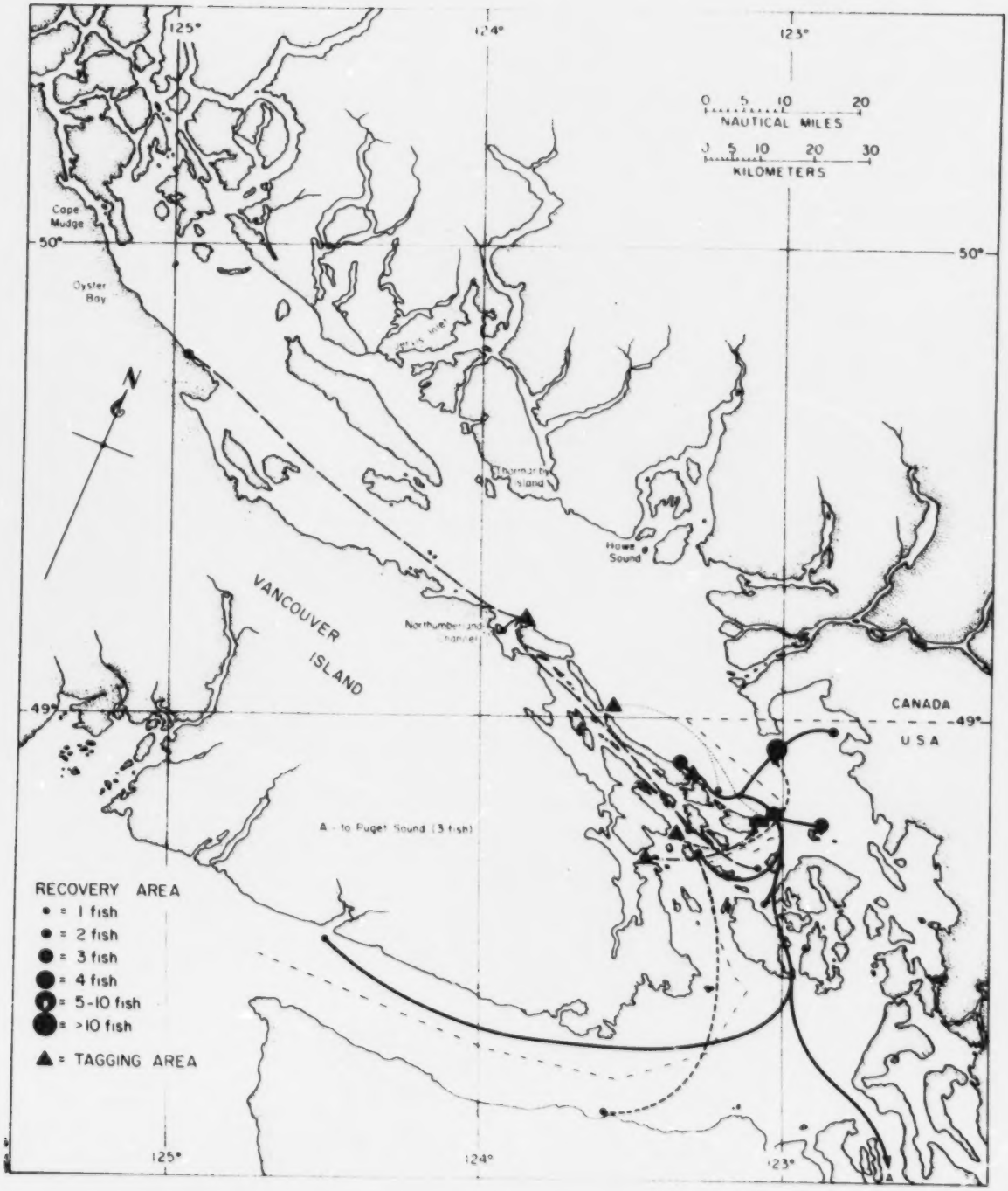

Figure 15. Tag release locations February, 1980 and Strait of Georgia 1982-1983 recovery locations.

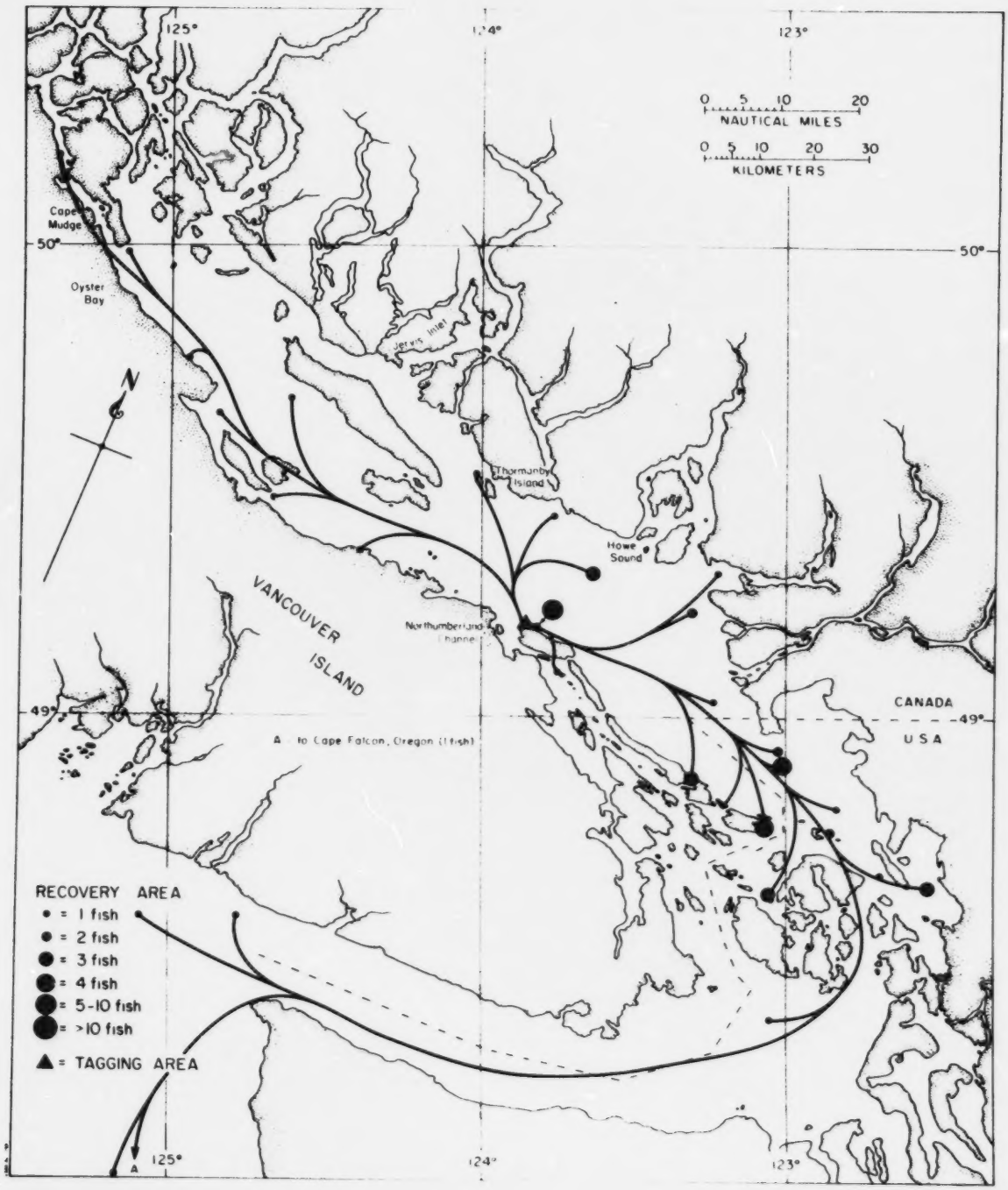

Figure 16. Tag release locations March 1980 and Strait of Georgia 1982-1983 recovery locations.

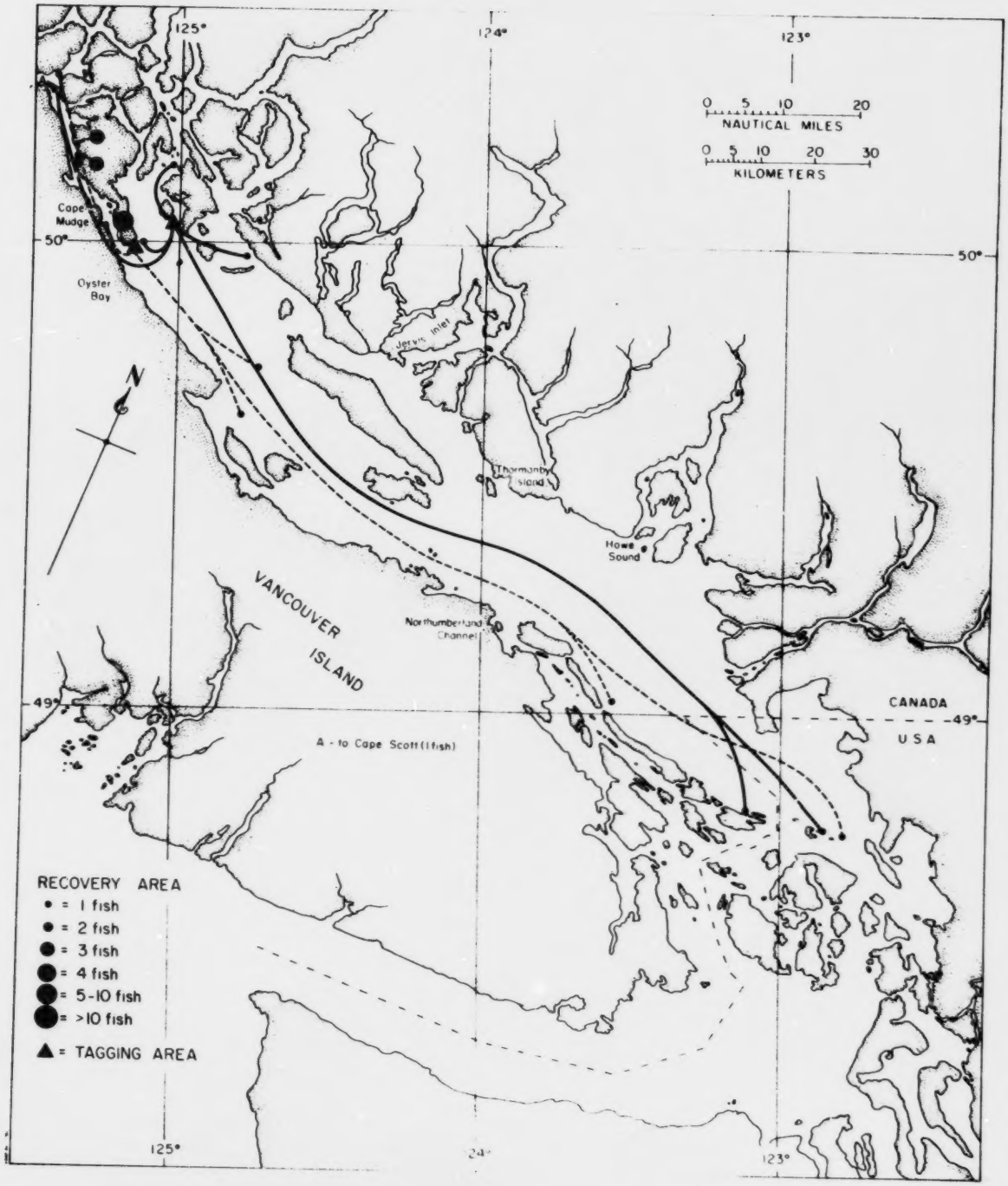

Figure 17. Tag release locations April-May, 1980 and Strait of Georgia 1982-1983 recovery locations.

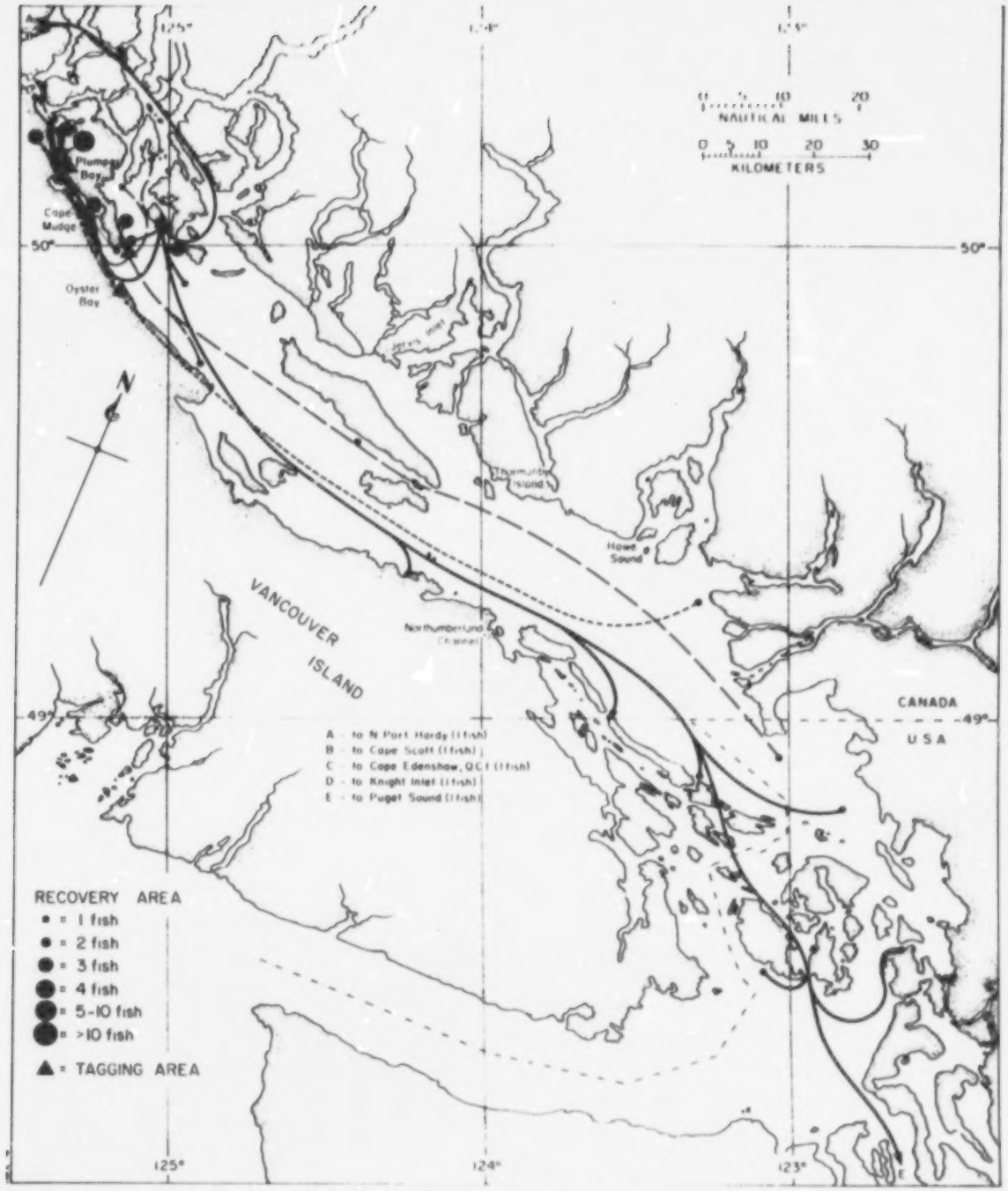

Figure 18. Tag release locations April-May, 1979 and Strait of Georgia 1982-1983 recovery locations.

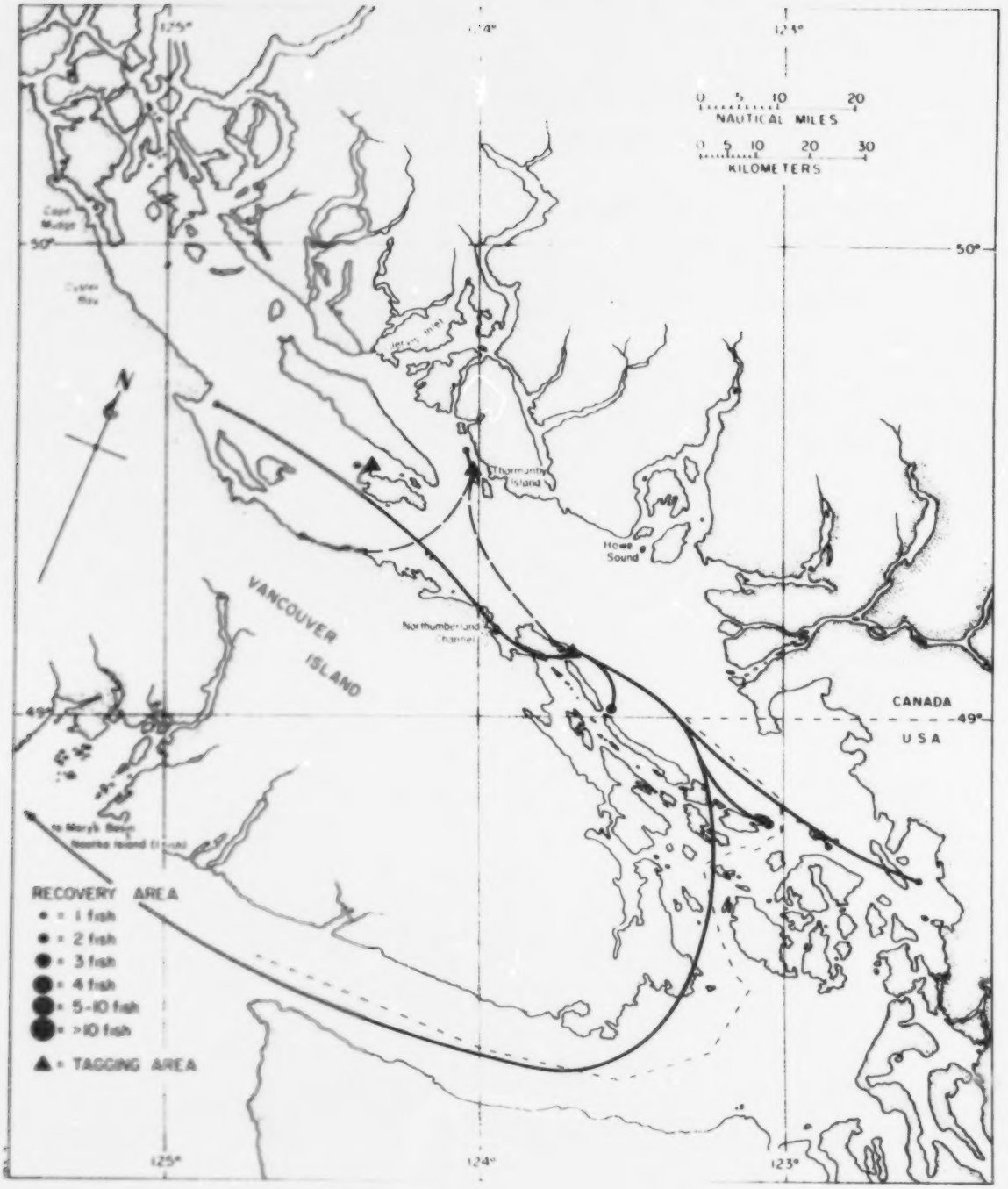

Figure 19. Tag release locations November 1979 and Strait of Georgia 1982-1983 recovery locations.

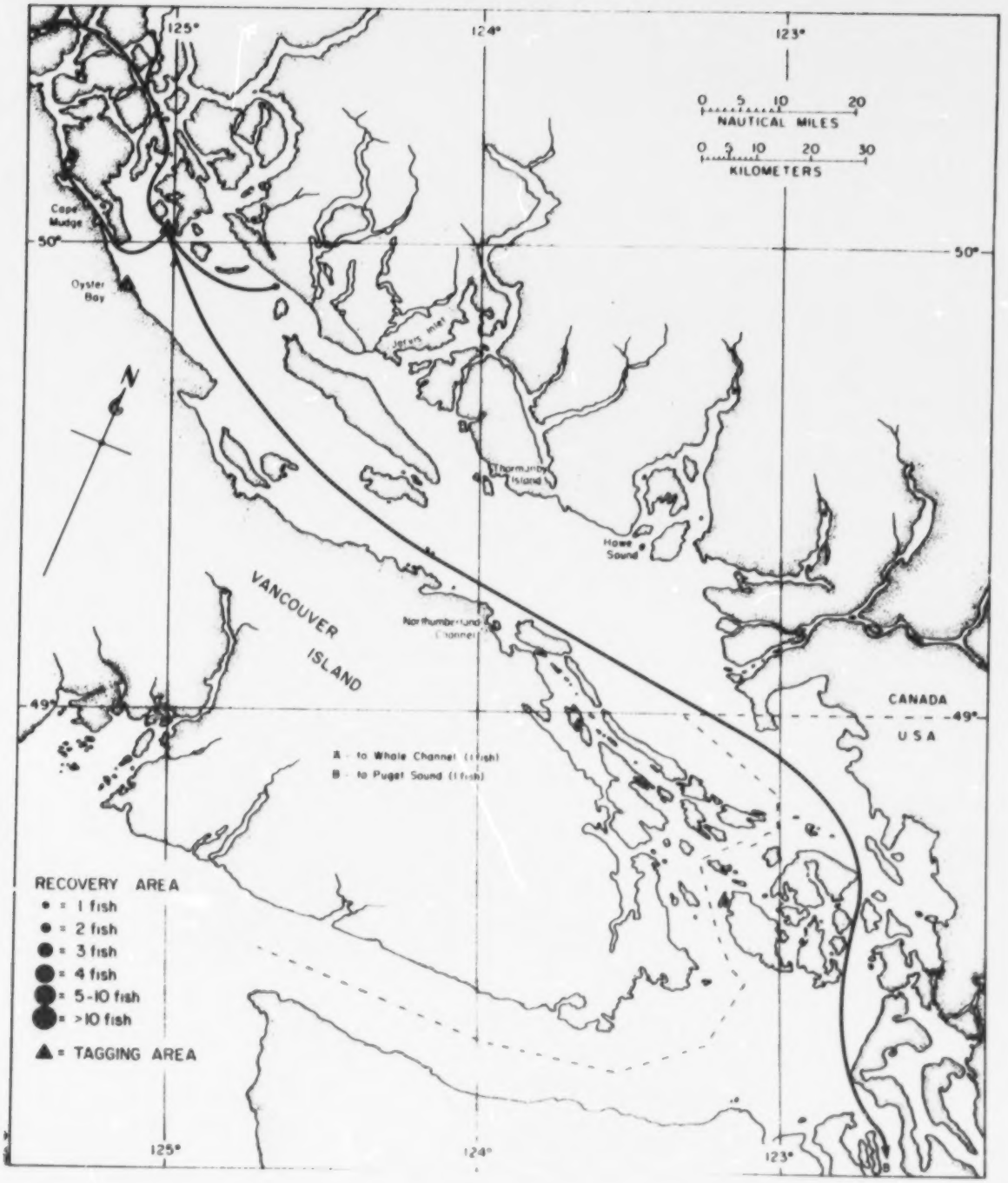

Figure 20. Tag release locations April-June, 1978 and Strait of Georgia 1982-1983 recovery locations.

Appendix table 1. Bridge log and species composition, by set, for G.B. REED, June - July, 1982.

HAUL NO.	1		2	
MAJOR AREA	4B		4B	
MINOR AREA	14		14	
LOCALITY	COMOX BAR		COMOX BAR	
DATE	JUNE 22		JUNE 22	
DEPTH MODE F/(M)	47 /(85)		44 /(80)	
DURATION (H)	0.50		0.08	
DIRECTION (DEG. TRUE)	325		337	
	START	STOP	START	STOP
TIME	8:47	9:17	14:05	14:10
LAT.(DEG,MIN)	49 38.2	49 39.1	49 37.9	49 38.2
LONG.(DEG,MIN)	124 48	124 49.1	124 48.7	124 48.9
DEPTH (F)	50	44	43	45
SPECIES CATCH(KG.)				
ARROWTOOTH FLOUNDER	-		-	
DOVER SOLE	-		trace	
ENGLISH SOLE	trace		-	
FLATHEAD SOLE	-		-	
PACIFIC SANDDAB	-		trace	
REX SOLE	-		-	
ROCK SOLE	-		-	
SLENDER SOLE	-		trace	
SPECKLED SANDDAB	trace		-	
SEBASTES BREVISPINIS	-		-	
S. DIPLOPROA	-		-	
S. ELONGATUS	trace		trace	
S. FLAVIDUS	-		-	
S. MALIGER	-		-	
S. PINNIGER	-		-	
S. RUBERRIMUS	-		-	
SEB. ALASCANUS	-		-	
CHINOOK SALMON	-		-	
EELPOUTS	-		-	
EULACHON	-		-	
MIDSHIPMAN	trace		trace	
PACIFIC HAKE	trace		-	
PACIFIC HERRING	-		trace	
LINGCOD	-		trace	
PACIFIC COD	104		378	
SABLEFISH	trace		trace	
SHINER PERCH	-		-	
WALLEYE POLLOCK	-		-	
BROWN CATSHARK	-		-	
RATFISH	trace		-	
SKATES	trace		-	
SPINY DOGFISH	3298		756	
CRABS	-		-	
SHRIMP (PINK)	-		-	
SHRIMP (SIDESTRIPE)	-		-	
SHRIMP (OTHER)	-		-	
STARFISH	-		-	
TOTAL CATCH (KG.)	3402		1134	
REMARKS				

Appendix table 1 (cont'd)

HAUL NO.	3	4
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JUNE 30	JUNE 30
DEPTH MODE F/(M)	43 /(78)	42 /(76)
DURATION (H)	0.12	0.17
DIRECTION (DEG. TRUE)	328	335

	START	STOP	START	STOP
TIME	8:42	8:49	9:40	9:50
LAT.(DEG,MIN)	49 37.7	49 38	49 37.7	49 38
LONG.(DEG,MIN)	124 49	124 49.3	124 49.2	124 49.6
DEPTH (F)	43	43	41	43

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	trace	-
DOVER SOLE	-	-
ENGLISH SOLE	trace	trace
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	trace
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	trace	trace
PACIFIC HAKE	trace	trace
PACIFIC HERRING	trace	trace
LINGCOD	-	-
PACIFIC COD	48	50
SABLEFISH	trace	-
SHINER PERCH	-	-
WALLEYE POLLOCK	trace	-
BROWN CATSHARK	-	-
RATFISH	-	trace
SKATES	-	-
SPINY DOGFISH	406	403
CRABS	-	-
SHRIMP (PINK)	trace	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	trace	-
STARFISH	-	-
TOTAL CATCH (KG.)	454	454
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	5	6
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JUNE 30	JUNE 30
DEPTH MODE F/(M)	40.5 /(74)	39 /(71)
DURATION (H)	0.17	0.23
DIRECTION (DEG. TRUE)	335	336

	START	STOP	START	STOP
TIME	10:33	10:43	12:02	12:16
LAT.(DEG,MIN)	49 38.1	49 38.4	49 38	49 38.6
LONG.(DEG,MIN)	124 49.3	124 49.5	124 49.3	124 49.8
DEPTH (F)	41	40	37	41

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	2	trace
FLATHEAD SOLE	2	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	2	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	trace	-
EULACHON	-	-
MIDSHIPMAN	5	trace
PACIFIC HAKE	-	-
PACIFIC HERRING	23	trace
LINGCOD	-	trace
PACIFIC COD	57	36
SABLEFISH	trace	-
SHINER PERCH	-	trace
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	0	-
SKATES	7	trace
SPINY DOGFISH	100	40
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	2	trace
STARFISH	-	-
TOTAL CATCH (KG.)	200	76
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	7	8
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JUNE 30	JUNE 30
DEPTH MODE F/(M)	39 /(71)	44.5 /(81)
DURATION (H)	0.25	0.33
DIRECTION (DEG. TRUE)	348	333

	START	STOP	START	STOP
TIME	13:07	13:22	14:08	14:28
LAT.(DEG,MIN)	49 38.2	49 38.9	49 37.6	49 38.5
LONG.(DEG,MIN)	124 49.6	124 49.8	124 48.7	124 49.4
DEPTH (F)	37	41	45	44

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	-	trace
FLATHEAD SOLE	trace	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	23
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	trace	trace
EULACHON	-	-
MIDSHIPMAN	2	2
PACIFIC HAKE	-	trace
PACIFIC HERRING	2	trace
LINGCOD	34	trace
PACIFIC COD	57	136
SABLEFISH	trace	trace
SHINER PERCH	-	trace
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	7	-
SKATES	68	trace
SPINY DOGFISH	30	45
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	trace	-
STARFISH	-	-
TOTAL CATCH (KG.)	200	206
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	9	10
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JUNE 30	JUNE 30
DEPTH MODE F/(M)	41.5 /(75)	47 /(85)
DURATION (H)	0.58	0.50
DIRECTION (DEG. TRUE)	335	135

	START	STOP	START	STOP
TIME	15:10	15:45	17:30	18:00
LAT.(DEG,MIN)	49 37.6	49 39.2	49 37.7	49 36.6
LONG.(DEG,MIN)	124 48.9	124 50	124 48.8	124 47.4
DEPTH (F)	43	40	44	50

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	trace	-
FLATHEAD SOLE	-	trace
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	trace	trace
EULACHON	-	-
MIDSHIPMAN	-	trace
PACIFIC HAKE	-	12
PACIFIC HERRING	trace	trace
LINGCOD	trace	trace
PACIFIC COD	117	161
SABLEFISH	trace	8
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	20
SKATES	trace	trace
SPINY DOGFISH	64	161
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	trace	trace
STARFISH	-	-
TOTAL CATCH (KG.)	181	363
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	11	12
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 01	JULY 01
DEPTH MODE F/(M)	47 /(85)	45.5 /(83)
DURATION (H)	0.50	0.50
DIRECTION (DEG. TRUE)	325	325

	START	STOP	START	STOP
TIME	8:34	9:04	9:50	10:20
LAT.(DEG,MIN)	49 36.6	49 37.8	49 36.5	49 37.7
LONG.(DEG,MIN)	124 47.8	124 49.1	124 47.9	124 48.8
DEPTH (F)	50	43	46	45

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	trace	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	26	23
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	trace	trace
PACIFIC HAKE	10	9
PACIFIC HERRING	trace	-
LINGCOD	trace	23
PACIFIC COD	51	92
SABLEFISH	trace	9
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	-	-
SKATES	-	-
SPINY DOGFISH	412	298
CRABS	-	-
SHRIMP (PINK)	trace	trace
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	499	454
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	13	14
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 01	JULY 01
DEPTH MODE F/(M)	40 /(73)	41.5 /(75)
DURATION (H)	0.55	0.65
DIRECTION (DEG. TRUE)	335	335

	START	STOP	START	STOP
TIME	11:00	11:33	12:43	13:22
LAT.(DEG,MIN)	49 37.5	49 39	49 37.4	49 39
LONG.(DEG,MIN)	124 48.9	124 50.1	124 48.8	124 49.9
DEPTH (F)	42	37	43	40

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	trace	trace
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	23	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	trace	-
EULACHON	-	-
MIDSHIPMAN	trace	trace
PACIFIC HAKE	-	trace
PACIFIC HERRING	23	trace
LINGCOD	trace	3
PACIFIC COD	200	83
SABLEFISH	trace	6
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	trace
SKATES	-	-
SPINY DOGFISH	240	181
CRABS	-	-
SHRIMP (PINK)	trace	trace
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	trace	-
STARFISH	trace	-
TOTAL CATCH (KG.)	486	272
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	15	16
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 01	JULY 01
DEPTH MODE F/(M)	44.5 /(81)	48.5 /(88)
DURATION (H)	0.52	0.33
DIRECTION (DEG. TRUE)	322	297

	START	STOP	START	STOP
TIME	13:22	13:53	15:16	15:36
LAT.(DEG,MIN)	49 36.8	49 37.9	49 36.5	49 37
LONG.(DEG,MIN)	124 47.8	124 49.9	124 46.9	124 48.4
DEPTH (F)	49	40	52	45

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	-	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	trace	-
PACIFIC HAKE	107	-
PACIFIC HERRING	trace	-
LINGCOD	trace	-
PACIFIC COD	64	-
SABLEFISH	trace	-
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	-
SKATES	-	-
SPINY DOGFISH	236	-
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	408	0
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	17	18
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 01	JULY 01
DEPTH MODE F/(M)	45.5 /(83)	45.5 /(83)
DURATION (H)	0.42	0.50
DIRECTION (DEG. TRUE)	313	325

	START	STOP	START	STOP
TIME	16:01	16:26	17:33	18:03
LAT.(DEG,MIN)	49 35.7	49 37.6	49 37.8	49 39.1
LONG.(DEG,MIN)	124 47.7	124 48.9	124 48.6	124 49.3
DEPTH (F)	48	43	47	44

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	trace	trace
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	23
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	trace	trace
PACIFIC HAKE	48	trace
PACIFIC HERRING	-	-
LINGCOD	trace	14
PACIFIC COD	27	136
SABLEFISH	-	9
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	trace
SKATES	trace	trace
SPINY DOGFISH	61	272
CRABS	-	-
SHRIMP (PINK)	trace	trace
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	136	454
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	19	20
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	NE LITTLE RIVER
DATE	JULY 01	JULY 02
DEPTH MODE F/(M)	46 /(84)	37.5 /(68)
DURATION (H)	0.50	0.50
DIRECTION (DEG. TRUE)	325	140

	START	STOP	START	STOP
TIME	18:42	19:12	8:32	9:02
LAT.(DEG,MIN)	49 37.5	49 38.9	49 47.9	49 46.9
LONG.(DEG,MIN)	124 48.4	124 49.2	124 56.9	124 55.5
DEPTH (F)	47	45	40	35

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	trace	-
ENGLISH SOLE	trace	-
FLATHEAD SOLE	16	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	-	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	5	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	trace	-
PACIFIC HAKE	trace	-
PACIFIC HERRING	-	trace
LINGCOD	trace	-
PACIFIC COD	40	7
SABLEFISH	40	7
SHINER PERCH	-	-
WALLEYE POLLOCK	-	trace
BROWN CATSHARK	-	-
RATFISH	trace	-
SKATES	-	-
SPINY DOGFISH	49	115
CRABS	-	-
SHRIMP (PINK)	8	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	7
STARFISH	-	-
TOTAL CATCH (KG.)	159	136
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	21	22
MAJOR AREA	48	48
MINOR AREA	14	14
LOCALITY	NE LITTLE RIVER	NE LITTLE RIVER
DATE	JULY 02	JULY 02
DEPTH MODE F/(M)	38 /(69)	37.5 /(68)
DURATION (H)	0.52	0.50
DIRECTION (DEG. TRUE)	130	147

	START	STOP	START	STOP
TIME	12:05	12:36	13:29	13:59
LAT.(DEG,MIN)	49 81.1	49 47.8	49 48.4	49 47.3
LONG.(DEG,MIN)	124 47.8	124 56.3	124 57.7	124 56.6
DEPTH (F)	40	36	42	33

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	trace
DOVER SOLE	-	-
ENGLISH SOLE	trace	trace
FLATHEAD SOLE	trace	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	trace
SLENDER SOLE	-	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	16	trace
S. FLAVIDUS	-	-
S. MALIGER	-	trace
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	-	trace
PACIFIC HERRING	-	-
LINGCOD	-	2
PACIFIC COD	trace	2
SABLEFISH	7	-
SHINER PERCH	-	-
WALLEYE POLLOCK	-	trace
BROWN CATSHARK	-	-
RATFISH	trace	2
SKATES	16	1
SPINY DOGFISH	278	105
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	318	113
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	23		24	
MAJOR AREA	4B		4B	
MINOR AREA	14		14	
LOCALITY	NE LITTLE RIVER		NE LITTLE RIVER	
DATE	JULY 02		JULY 02	
DEPTH MODE F/(M)	37 /(67)		36 /(65)	
DURATION (H)	0.50		0.67	
DIRECTION (DEG. TRUE)	150		150	
	START	STOP	START	STOP
TIME	14:40	15:10	17:30	18:10
LAT.(DEG,MIN)	49 47.5	49 46.6	49 47.4	49 45.7
LONG.(DEG,MIN)	124 56.2	124 55.3	124 55.8	124 54.4
DEPTH (F)	37	37	37	35
SPECIES CATCH(KG.)				
ARROWTOOTH FLOUNDER	-		-	
DOVER SOLE	-		-	
ENGLISH SOLE	-		trace	
FLATHEAD SOLE	-		trace	
PACIFIC SANDDAB	-		-	
REX SOLE	-		-	
ROCK SOLE	-		trace	
SLENDER SOLE	-		trace	
SPECKLED SANDDAB	-		-	
SEBASTES BREVISPINIS	-		-	
S. DIPLOPROA	-		-	
S. ELONGATUS	-		-	
S. FLAVIDUS	-		-	
S. MALIGER	-		-	
S. PINNIGER	-		-	
S. RUBERRIMUS	-		-	
SEB. ALASCANUS	-		-	
CHINOOK SALMON	-		-	
EELPOUTS	-		-	
EULACHON	-		-	
MIDSHIPMAN	-		-	
PACIFIC HAKE	-		trace	
PACIFIC HERRING	-		trace	
LINGCOD	-		-	
PACIFIC COD	-		36	
SABLEFISH	-		36	
SHINER PERCH	-		-	
WALLEYE POLLOCK	-		-	
BROWN CATSHARK	-		-	
RATFISH	-		107	
SKATES	-		trace	
SPINY DOGFISH	-		501	
CRABS	-		-	
SHRIMP (PINK)	-		-	
SHRIMP (SIDESTRIPE)	-		-	
SHRIMP (OTHER)	-		-	
STARFISH	-		-	
TOTAL CATCH (KG.)	0		680	
REMARKS	GEAR PROBLEMS			

Appendix table 1 (cont'd)

HAUL NO.	25	26
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	NE LITTLE RIVER	NE LITTLE RIVER
DATE	JULY 03	JULY 03
DEPTH MODE F/(M)	37 /(67)	35.5 /(64)
DURATION (H)	0.08	0.38
DIRECTION (DEG. TRUE)	0	151

	START	STOP	START	STOP
TIME	8:25	8:30	12:12	12:35
LAT.(DEG,MIN)	49 47.3	49 47	49 47.6	49 46
LONG.(DEG,MIN)	124 55.3	124 55.2	124 55.5	124 54.5
DEPTH (F)	37	37	36	35

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	-	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	-	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	trace
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	32
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	-	-
PACIFIC HERRING	-	32
LINGCOD	-	-
PACIFIC COD	-	-
SABLEFISH	-	-
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	-	-
SKATES	-	trace
SPINY DOGFISH	-	3111
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	0	3175
REMARKS	DOORS CROSSED	

Appendix table 1 (cont'd)

HAUL NO.	27	28
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	NE LITTLE RIVER	NE LITTLE RIVER
DATE	JULY 03	JULY 03
DEPTH MODE F/(M)	37 /(67)	37.5 /(68)
DURATION (H)	0.25	0.50
DIRECTION (DEG. TRUE)	143	130

	START	STOP	START	STOP
TIME	15:46	16:01	17:23	17:53
LAT.(DEG,MIN)	49 46.9	49 46.4	49 47.3	49 46.3
LONG.(DEG,MIN)	124 55.2	124 54.9	124 55.8	124 54.9
DEPTH (F)	37	37	38	37

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	trace	-
DOVER SOLE	trace	-
ENGLISH SOLE	trace	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	19	22
S. FLAVIDUS	-	-
S. MALIGER	trace	22
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	trace	-
PACIFIC HERRING	trace	-
LINGCOD	-	trace
PACIFIC COD	115	-
SABLEFISH	19	-
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	22
SKATES	trace	-
SPINY DOGFISH	210	2067
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	363	2132
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	29		30	
MAJOR AREA	4B		4B	
MINOR AREA	14		14	
LOCALITY	CAPE LAZO		CAPE LAZO	
DATE	JULY 04		JULY 04	
DEPTH MODE F/(M)	62 /(113)		60 /(109)	
DURATION (H)	0.13		0.30	
DIRECTION (DEG. TRUE)	136		161	
	START	STOP	START	STOP
TIME	9:12	9:20	12:36	12:54
LAT.(DEG,MIN)	49 43.2	49 42.7	49 43.2	49 42.3
LONG.(DEG,MIN)	124 48.7	124 48.3	124 48.7	124 48.2
DEPTH (F)	57	67	62	58
SPECIES CATCH(KG.)				
ARROWTOOTH FLOUNDER	-		23	
DOVER SOLE	-		23	
ENGLISH SOLE	-		-	
FLATHEAD SOLE	-		-	
PACIFIC SANDDAB	-		-	
REX SOLE	-		-	
ROCK SOLE	-		-	
SLENDER SOLE	-		-	
SPECKLED SANDDAB	-		-	
SEBASTES BREVISPINIS	-		2	
S. DIPLOPROA	-		trace	
S. ELONGATUS	-		5	
S. FLAVIDUS	-		-	
S. MALIGER	-		-	
S. PINNIGER	-		-	
S. RUBERRIMUS	-		-	
SEB. ALASCANUS	-		-	
CHINOOK SALMON	-		-	
EELPOUTS	-		-	
EULACHON	-		-	
MIDSHIPMAN	-		-	
PACIFIC HAKE	-		45	
PACIFIC HERRING	-		-	
LINGCOD	-		trace	
PACIFIC COD	-		-	
SABLEFISH	-		2	
SHINER PERCH	-		-	
WALLEYE POLLOCK	-		-	
BROWN CATSHARK	-		-	
RATFISH	-		181	
SKATES	-		trace	
SPINY DOGFISH	-		45	
CRABS	-		-	
SHRIMP (PINK)	-		-	
SHRIMP (SIDESTRIPE)	-		-	
SHRIMP (OTHER)	-		-	
STARFISH	-		trace	
TOTAL CATCH (KG.)	0		327	
REMARKS	DOORS CROSSED			

Appendix table 1 (cont'd)

HAUL NO.	31	32
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 04	JULY 04
DEPTH MODE F/(M)	39 /(71)	48 /(87)
DURATION (H)	0.07	0.45
DIRECTION (DEG. TRUE)	180	321

	START	STOP	START	STOP
TIME	14:16	14:20	15:11	15:38
LAT.(DEG,MIN)	49 38.9	49 38.8	49 36.7	49 37.7
LONG.(DEG,MIN)	124 50.1	124 50.1	124 47.4	124 48.7
DEPTH (F)	39	39	51	45

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	-	-
FLATHEAD SOLE	-	trace
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	-	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	trace
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	trace
EULACHON	-	-
MIDSHIPMAN	-	trace
PACIFIC HAKE	-	trace
PACIFIC HERRING	-	-
LINGCOD	-	trace
PACIFIC COD	-	12
SABLEFISH	-	12
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	-	-
SKATES	-	12
SPINY DOGFISH	-	1099
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	0	1134
REMARKS	HAUL STOPPED DUE TO TRAFFIC	

Appendix table 1 (cont'd)

	33	34
HAUL NO.		
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	NW QUALICUM BEACH	QUALICUM BEACH
DATE	JULY 04	JULY 04
DEPTH MODE F/(M)	50.5 /(92)	47 /(85)
DURATION (H)	0.05	0.38
DIRECTION (DEG. TRUE)	310	250
	START STOP	START STOP
TIME	8:27 8:30	9:25 9:48
LAT.(DEG,MIN)	49 23 49 23.2	49 22.6 49 23.5
LONG.(DEG,MIN)	124 29.3 124 29.4	124 26.3 124 27.9
DEPTH (F)	49 52	52 42
SPECIES CATCH(KG.)		
ARROWTOOTH FLOUNDER	5	trace
DOVER SOLE	-	-
ENGLISH SOLE	2	12
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	1	-
ROCK SOLE	-	-
SLENDER SOLE	-	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	2	119
S. FLAVIDUS	-	trace
S. MALIGER	-	-
S. PINNIGER	-	trace
S. RUBERRIMUS	1	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	0	-
PACIFIC HAKE	-	12
PACIFIC HERRING	-	-
LINGCOD	2	-
PACIFIC COD	-	trace
SABLEFISH	-	-
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	7	12
SKATES	-	trace
SPINY DOGFISH	18	72
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	39	227
REMARKS	SHORT TOW	

Appendix table 1 (cont'd)

HAUL NO.	35	36
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 05	JULY
DEPTH MODE F/(M)	44 /(80)	44 /(80)
DURATION (H)	0.30	0.67
DIRECTION (DEG. TRUE)	320	320

	START	STOP	START	STOP
TIME	12:55	13:13	18:22	19:02
LAT.(DEG,MIN)	49 36.6	49 37.6	49 36.9	49 38.8
LONG.(DEG,MIN)	124 47.8	124 49	124 48.2	124 49.9
DEPTH (F)	47	41	47	41

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	-	trace
FLATHEAD SOLE	-	trace
PACIFIC SANDDAB	-	-
REX SOLE	-	trace
ROCK SOLE	-	-
SLENDER SOLE	-	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	trace
EULACHON	-	trace
MIDSHIPMAN	-	trace
PACIFIC HAKE	-	trace
PACIFIC HERRING	-	6
LINGCOD	-	3
PACIFIC COD	-	46
SABLEFISH	-	12
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	-	trace
SKATES	-	-
SPINY DOGFISH	-	46
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	0	113
REMARKS	DOORS CROSSED	

Appendix table 1 (cont'd)

HAUL NO.	37	38
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 06	JULY 06
DEPTH MODE F/(M)	44 /(80)	51 /(93)
DURATION (H)	0.48	0.50
DIRECTION (DEG. TRUE)	312	308

	START	STOP	START	STOP
TIME	8:15	8:44	8:15	8:45
LAT.(DEG,MIN)	49 37.5	49 38.2	49 36.8	49 37.9
LONG.(DEG,MIN)	124 48.5	124 49.5	124 47.7	124 48.4
DEPTH (F)	46	42	51	51

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	21	trace
FLATHEAD SOLE	3	trace
PACIFIC SANDDAB	-	-
REX SOLE	trace	-
ROCK SOLE	-	-
SLENDER SOLE	21	14
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	trace
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	3	-
EULACHON	-	-
MIDSHIPMAN	trace	trace
PACIFIC HAKE	trace	trace
PACIFIC HERRING	trace	trace
LINGCOD	2	trace
PACIFIC COD	3	14
SABLEFISH	3	trace
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	trace
SKATES	-	-
SPINY DOGFISH	10	244
CRABS	-	-
SHRIMP (PINK)	-	trace
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	68	272
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	39	40
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DATE	JULY 06	JULY 06
DEPTH MODE F/(M)	47.5 /(86)	46.5 /(85)
DURATION (H)	0.50	0.50
DIRECTION (DEG. TRUE)	310	321

	START	STOP	START	STOP
TIME	10:47	11:17	12:23	12:53
LAT.(DEG,MIN)	49 36.4	49 37.3	49 36.6	49 38
LONG.(DEG,MIN)	124 46.8	124 48.3	124 47.3	124 49.1
DEPTH (F)	50	45	50	43

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	trace	-
DOVER SOLE	-	-
ENGLISH SOLE	trace	trace
FLATHEAD SOLE	trace	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	27
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	trace	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	trace
EULACHON	-	-
MIDSHIPMAN	trace	-
PACIFIC HAKE	102	27
PACIFIC HERRING	-	trace
LINGCOD	-	trace
PACIFIC COD	102	trace
SABLEFISH	-	27
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	trace
SKATES	-	-
SPINY DOGFISH	250	463
CRABS	-	-
SHRIMP (PINK)	trace	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	454	544
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	41	42
MAJOR AREA	4B	4B
MINOR AREA	14	14
LOCALITY	COMOX BAR	COMOX BAR
DEPTH MODE F/(M)	46.5 /(85)	47.5 /(86)
DURATION (H)	0.62	0.50
DIRECTION (DEG. TRUE)	320	316

	START	STOP	START	STOP
TIME	13:53	14:30	15:21	15:51
LAT.(DEG,MIN)	49 36.5	49 37.9	49 36.6	49 37.5
LONG.(DEG,MIN)	124 47.4	124 49	124 47.2	124 48.6
DEPTH (F)	50	43	51	44

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	-	-
ENGLISH SOLE	-	trace
FLATHEAD SOLE	-	trace
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	trace	trace
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	trace
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	trace
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	23	12
PACIFIC HERRING	-	trace
LINGCOD	23	trace
PACIFIC COD	238	95
SABLEFISH	trace	12
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	trace	trace
SKATES	23	-
SPINY DOGFISH	147	107
CRABS	-	-
SHRIMP (PINK)	trace	-
SHRIMP (SIDESTRIPE)	-	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	454	227
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	43		44	
MAJOR AREA	4B		4B	
MINOR AREA	14		14	
LOCALITY	COMOX BAR		COMOX BAR	
DATE	JULY 06		JULY 06	
DEPTH MODE F/(M)	53 /(96)		40 /(73)	
DURATION (H)	0.67		0.50	
DIRECTION (DEG. TRUE)	310		310	
	START	STOP	START	STOP
TIME	17:00	17:40	18:35	19:05
LAT.(DEG,MIN)	49 36.3	49 37.7	49 36.5	49 37.6
LONG.(DEG,MIN)	124 46.8	124 48.8	124 47.9	124 49.1
DEPTH (F)	61	45	43	37
SPECIES CATCH(KG.)				
ARROWTOOTH FLOUNDER	-		trace	
DOVER SOLE	-		-	
ENGLISH SOLE	trace		-	
FLATHEAD SOLE	14		14	
PACIFIC SANDDAB	-		-	
REX SOLE	-		-	
ROCK SOLE	-		-	
SLENDER SOLE	68		14	
SPECKLED SANDDAB	-		-	
SEBASTES BREVISPINIS	-		-	
S. DIPLOPROA	-		-	
S. ELONGATUS	trace		-	
S. FLAVIDUS	-		-	
S. MALIGER	-		-	
S. PINNIGER	-		-	
S. RUBERRIMUS	-		-	
SEB. ALASCANUS	-		-	
CHINOOK SALMON	-		-	
EELPOUTS	-		-	
EULACHON	-		-	
MIDSHIPMAN	-		trace	
PACIFIC HAKE	14		trace	
PACIFIC HERRING	-		-	
LINGCOD	5		-	
PACIFIC COD	109		182	
SABLEFISH	-		-	
SHINER PERCH	-		-	
WALLEYE POLLOCK	-		-	
BROWN CATSHARK	-		-	
RATFISH	trace		trace	
SKATES	-		6	
SPINY DOGFISH	54		56	
CRABS	-		-	
SHRIMP (PINK)	8		-	
SHRIMP (SIDESTRIPE)	-		-	
SHRIMP (OTHER)	-		-	
STARFISH	-		-	
TOTAL CATCH (KG.)	272		272	
REMARKS				

Appendix table 1 (cont'd)

	45	46
HAUL NO.		
MAJOR AREA	48	48
MINOR AREA	29	29
LOCALITY	MC CALL BANK	SE ROBERTS CREEK
DATE	JULY 07	JULY 07
DEPTH MODE F/(M)	80 /(146)	75.6 /(138)
DURATION (H)	0.50	0.68
DIRECTION (DEG. TRUE)	115	120

	START	STOP	START	STOP
TIME	8:15	8:45	10:18	10:59
LAT.(DEG,MIN)	49 20.5	49 19.8	49 23.7	49 23.2
LONG.(DEG,MIN)	123 37.5	123 35.5	123 37.2	123 34.8
DEPTH (F)	75	85	78	75

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	1	trace
ENGLISH SOLE	2	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	-	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	trace
S. ELONGATUS	27	-
S. FLAVIDUS	trace	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	5	30
PACIFIC HERRING	-	-
LINGCOD	-	trace
PACIFIC COD	-	5
SABLEFISH	2	trace
SHINER PERCH	-	-
WALLEYE POLLOCK	-	-
BROWN CATSHARK	-	-
RATFISH	5	-
SKATES	-	-
SPINY DOGFISH	7	11
CRABS	-	trace
SHRIMP (PINK)	-	trace
SHRIMP (SIDESTRIPE)	6	14
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	55	60
REMARKS		

Appendix table 1 (cont'd)

HAUL NO.	47	48
MAJOR AREA	4B	4B
MINOR AREA	29	29
LOCALITY	GOWER PT	STURGEON BANK
DATE	JULY 07	JULY 07
DEPTH MODE F/(M)	68.5 /(125)	58 /(106)
DURATION (H)	0.43	0.48
DIRECTION (DEG. TRUE)	74	177

	START	STOP	START	STOP
TIME	12:19	12:45	14:18	14:47
LAT.(DEG,MIN)	49 22.1	49 22.5	49 14.8	49 13.7
LONG.(DEG,MIN)	123 31.6	123 29.6	123 17.9	123 17.8
DEPTH (F)	74	63	58	58

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	trace	-
DOVER SOLE	trace	-
ENGLISH SOLE	-	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	-	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	trace	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	-	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	43	-
PACIFIC HERRING	-	-
LINGCOD	-	-
PACIFIC COD	trace	-
SABLEFISH	-	-
SHINER PERCH	-	-
WALLEYE POLLOCK	trace	-
BROWN CATSHARK	-	-
RATFISH	5	-
SKATES	trace	-
SPINY DOGFISH	38	-
CRABS	-	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	5	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	91	0
REMARKS		NET FOULED

Appendix table 1 (cont'd)

HAUL NO.	49	50
MAJOR AREA	48	48
MINOR AREA	29	29
LOCALITY	STURGEON BANK	E MC CALL BANK
DATE	JULY 07	JULY 07
DEPTH MODE F/(M)	48 /(87)	0 /(0)
DURATION (H)	0.50	0.07
DIRECTION (DEG. TRUE)	175	0

	START	STOP	START	STOP
TIME	15:37	16:07	17:41	17:45
LAT.(DEG,MIN)	49 15.1	49 14.1	49 20.4	0
LONG.(DEG,MIN)	123 17.9	123 17.7	123 31.2	0
DEPTH (F)	56	40	0	0

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	trace	-
ENGLISH SOLE	trace	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	trace	-
ROCK SOLE	-	-
SLENDER SOLE	4	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	-	-
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	4	-
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	25	-
PACIFIC HERRING	-	-
LINGCOD	trace	-
PACIFIC COD	7	-
SABLEFISH	-	-
SHINER PERCH	-	-
WALLEYE POLLOCK	trace	-
BROWN CATSHARK	-	-
RATFISH	14	-
SKATES	trace	-
SPINY DOGFISH	-	-
CRABS	1	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	14	-
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	68	0
REMARKS		HOOK UP

Appendix table 1 (cont'd)

HAUL NO.	51		52	
MAJOR AREA	4B		4B	
MINOR AREA	29		29	
LOCALIY	MC CALL BANK		S HALIBUT BANK	
DATE	JULY 08		JULY 08	
DEPTH MODE F/(M)	78.5 /(143)		145 /(265)	
DURATION (H)	0.50		0.50	
DIRECTION (DEG. TRUE)	115		140	
	START	STOP	START	STOP
TIME	8:33	9:03	10:09	10:39
LAT.(DEG,MIN)	49 20.7	49 19.8	49 18.8	49 17.9
LONG.(DEG,MIN)	123 37	123 35.3	123 43.2	123 40.8
DEPTH (F)	75	82	156	134

SPECIES CATCH(KG.)

ARROWTOOTH FLOUNDER	-	-
DOVER SOLE	trace	-
ENGLISH SOLE	-	-
FLATHEAD SOLE	-	-
PACIFIC SANDDAB	-	-
REX SOLE	-	-
ROCK SOLE	-	-
SLENDER SOLE	-	-
SPECKLED SANDDAB	-	-
SEBASTES BREVISPINIS	-	-
S. DIPLOPROA	14	5
S. ELONGATUS	-	-
S. FLAVIDUS	-	-
S. MALIGER	-	-
S. PINNIGER	-	-
S. RUBERRIMUS	-	-
SEB. ALASCANUS	2	3
CHINOOK SALMON	-	-
EELPOUTS	-	-
EULACHON	-	-
MIDSHIPMAN	-	-
PACIFIC HAKE	9	1
PACIFIC HERRING	-	-
LINGCOD	-	-
PACIFIC COD	-	-
SABLEFISH	-	-
SHINER PERCH	-	-
WALLEYE POLLOCK	1	-
BROWN CATSHARK	-	trace
RATFISH	5	5
SKATES	5	-
SPINY DOGFISH	trace	2
CRABS	trace	-
SHRIMP (PINK)	-	-
SHRIMP (SIDESTRIPE)	11	2
SHRIMP (OTHER)	-	-
STARFISH	-	-
TOTAL CATCH (KG.)	48	17
REMARKS		

Appendix table 2. Length frequency of tagged dogfish by set, M/V ROSE SPIT, March 1982.

Total length (cm)	Set no. 1			2			5			6		
	M	F	T	M	F	T	M	F	T	M	F	T
44	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	1	1	-	-	-	-	-	-
61	-	-	-	-	0	0	-	-	-	-	-	-
62	-	-	-	-	0	0	-	-	-	-	-	-
63	-	-	-	-	0	0	-	-	-	-	-	-
64	1	2	3	-	0	0	-	-	-	-	-	-
65	0	0	0	-	0	0	-	-	-	-	-	-
66	0	0	0	-	0	0	-	-	-	-	-	-
67	1	0	1	-	0	0	-	-	-	-	-	-
68	1	0	1	-	0	0	-	-	-	1	-	1
69	1	0	1	-	0	0	-	-	-	1	-	1
70	0	0	0	-	0	0	-	-	-	0	-	0
71	1	0	1	-	0	0	-	-	-	0	-	0
72	0	0	0	-	0	0	1	-	1	0	-	0
73	3	0	3	-	0	0	1	-	1	0	-	0
74	1	0	1	-	0	0	5	-	5	0	-	0
75	1	0	1	-	0	0	5	-	5	0	-	0
76	1	1	2	-	0	0	3	-	3	2	-	2
77	1	0	1	1	0	1	8	1	9	3	-	3
78	5	0	5	1	0	1	12	0	12	5	-	5
79	3	0	3	1	0	1	10	1	11	4	-	4
80	5	0	5	3	0	3	8	0	8	3	-	3
81	2	0	2	3	0	3	20	0	20	6	-	6
82	1	0	1	0	0	0	12	0	12	4	-	4
83	3	0	3	0	0	0	13	0	13	2	-	2
84	2	0	2	1	0	1	14	0	14	3	-	3
85	2	0	2	1	0	1	10	0	10	3	-	3
86	0	0	0	-	0	0	3	0	3	0	-	0

Appendix table 2 (cont'd)

Total length (cm)	Set no. 1 M	1 F	1 T	2 M	2 F	2 T	5 M	5 F	5 T	6 M	6 F	6 T
87	2	0	2	-	0	0	9	1	10	1	-	1
88	1	0	1	-	0	0	6	1	7	3	-	3
89	1	0	1	-	0	0	3	0	3	5	1	6
90	-	0	0	-	0	0	5	0	5	0	0	0
91	-	0	0	-	0	0	3	1	4	0	0	0
92	-	0	0	-	0	0	1	0	1	0	0	0
93	-	0	0	-	0	0	1	0	1	0	0	0
94	-	1	1	-	0	0	1	0	1	0	1	1
95	-	-	-	-	0	0	1	1	2	0	1	1
96	-	-	-	-	2	2	-	0	0	0	0	0
97	-	-	-	-	0	0	-	0	0	0	0	0
98	-	-	-	-	0	0	-	1	1	1	0	1
99	-	-	-	-	0	0	-	0	0	-	0	0
100	-	-	-	-	0	0	-	0	0	-	1	1
101	-	-	-	-	0	0	-	3	3	-	0	0
102	-	-	-	-	1	1	-	1	1	-	0	0
103	-	-	-	-	-	-	-	1	1	-	0	0
104	-	-	-	-	-	-	-	0	0	-	1	1
105	-	-	-	-	-	-	-	1	1	-	0	0
106	-	-	-	-	-	-	-	0	0	-	0	0
107	-	-	-	-	-	-	-	1	1	-	0	0
108	-	-	-	-	-	-	-	1	1	-	1	1
109	-	-	-	-	-	-	-	0	0	-	0	0
110	-	-	-	-	-	-	-	0	0	-	0	0
111	-	-	-	-	-	-	-	0	0	-	1	1
112	-	-	-	-	-	-	-	0	0	-	0	0
113	-	-	-	-	-	-	-	0	0	-	0	0
114	-	-	-	-	-	-	-	1	1	-	0	0
115	-	-	-	-	-	-	-	-	-	-	0	0
116	-	-	-	-	-	-	-	-	-	-	0	0
117	-	-	-	-	-	-	-	-	-	-	1	1
Total	39	4	43	11	4	15	155	16	171	47	8	55

Appendix table 2 (cont'd)

Total length (cm)	Set no. 7 M	7 F	7 T	8 M	8 F	8 T	12 M	12 F	12 T	14 M	14 F	14 T
44	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	1	-	1	-	-	-	-	-	-	-	-	-
59	0	-	0	-	-	-	-	-	-	-	-	-
60	0	-	0	-	-	-	-	-	-	-	-	-
61	0	-	0	-	-	-	-	-	-	-	-	-
62	0	-	0	-	-	-	-	-	-	-	-	-
63	0	-	0	-	-	-	-	-	-	-	-	-
64	0	-	0	-	-	-	-	-	-	-	-	-
65	0	-	0	-	-	-	-	-	-	-	-	-
66	0	-	0	-	-	-	-	-	-	-	-	-
67	0	-	0	-	-	-	-	-	-	-	-	-
68	0	-	0	-	-	-	-	-	-	-	-	-
69	0	-	0	-	-	-	1	2	3	1	-	1
70	0	-	0	1	-	1	1	0	1	0	-	0
71	1	-	1	0	-	0	2	1	3	0	-	0
72	0	-	0	2	-	2	1	0	1	0	-	0
73	0	-	0	0	-	0	2	0	2	0	-	0
74	2	-	2	1	-	1	4	0	4	2	-	2
75	0	-	0	2	-	2	7	0	7	2	-	2
76	0	-	0	0	-	0	5	1	6	2	1	3
77	1	-	1	2	-	2	7	0	7	6	0	6
78	1	-	1	1	1	2	17	0	17	2	0	2
79	0	-	0	4	0	4	20	1	21	6	0	6
80	0	-	0	5	0	5	23	0	23	9	0	9
81	3	-	3	1	1	2	19	0	19	7	0	7
82	3	-	3	2	0	2	27	2	29	9	0	9
83	0	-	0	3	0	3	22	1	23	3	0	3
84	3	-	3	7	0	7	17	0	17	4	0	4
85	1	-	1	6	0	6	16	1	17	11	2	13
86	1	-	1	4	0	4	17	0	17	3	0	3

Appendix table 2 (cont'd)

Total length (cm)	Set no. 7			8			12			14		
	M	F	T	M	F	T	M	F	T	M	F	T
87	0	-	0	4	0	4	13	0	13	5	0	5
88	0	1	1	5	0	5	10	0	10	1	1	2
89	0	0	0	2	0	2	8	1	9	2	0	2
90	1	0	1	1	1	2	5	1	6	0	0	0
91	0	0	0	2	0	2	3	0	3	1	0	1
92	0	0	0	0	0	0	1	0	1	-	0	0
93	0	0	0	1	0	1	1	0	1	-	1	1
94	0	1	1	-	0	0	1	0	1	-	0	0
95	0	0	0	-	0	0	1	1	2	-	2	2
96	0	0	0	-	0	0	-	0	0	-	0	0
97	0	0	0	-	0	0	-	2	2	-	1	1
98	1	0	1	-	0	0	-	0	0	-	0	0
99	-	0	0	-	0	0	-	2	2	-	0	0
100	-	0	0	-	1	1	-	2	2	-	2	2
101	-	0	0	-	1	1	-	0	0	-	1	1
102	-	0	0	-	1	1	-	0	0	-	1	1
103	-	0	0	-	0	0	-	0	0	-	0	0
104	-	0	0	-	0	0	-	0	0	-	1	1
105	-	0	0	-	0	0	-	1	1	-	2	2
106	-	1	1	-	1	1	-	2	2	-	0	0
107	-	-	-	-	1	1	-	0	0	-	0	0
108	-	-	-	-	1	1	-	1	1	-	0	0
109	-	-	-	-	0	0	-	1	1	-	0	0
110	-	-	-	-	0	0	-	1	1	-	0	0
111	-	-	-	-	0	0	-	0	0	-	0	0
112	-	-	-	-	0	0	-	1	1	-	0	0
113	-	-	-	-	0	0	-	0	0	-	0	0
114	-	-	-	-	1	1	-	0	0	-	0	0
115	-	-	-	-	-	-	-	0	0	-	0	0
116	-	-	-	-	-	-	-	1	1	-	0	0
117	-	-	-	-	-	-	-	-	-	-	1	1
Total	19	3	22	56	10	66	251	26	277	76	16	92

Appendix table 2 (cont'd)

Total length (cm)	Set no. 18			19			22			23		
	M	F	T	M	F	T	M	F	T	M	F	T
44	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	1	1	-	-	-	-	-	-	-	-	-
49	-	0	0	-	-	-	-	-	-	-	-	-
50	-	0	0	-	-	-	-	1	1	-	-	-
51	-	0	0	-	-	-	-	0	0	-	-	-
52	1	0	1	-	-	-	-	0	0	-	-	-
53	1	1	2	-	-	-	-	1	1	-	-	-
54	0	0	0	-	-	-	1	0	1	-	-	-
55	1	2	3	-	-	-	1	0	1	-	-	-
56	1	0	1	-	-	-	1	2	3	-	-	-
57	1	1	2	-	-	-	0	0	0	-	-	-
58	3	3	6	-	-	-	5	1	6	1	-	1
59	0	2	2	-	-	-	2	1	3	1	-	1
60	2	1	3	-	-	-	4	1	5	0	-	0
61	3	1	4	-	-	-	7	2	9	1	-	1
62	4	3	7	-	-	-	6	2	8	0	-	0
63	6	3	9	-	-	-	7	1	8	0	-	0
64	13	1	14	1	-	1	8	4	12	0	-	0
65	4	3	7	1	-	1	13	5	18	1	-	1
66	5	4	9	1	1	2	6	1	7	0	-	0
67	19	3	22	2	0	2	6	1	7	0	-	0
68	11	4	15	1	0	1	5	9	14	2	-	2
69	12	2	14	0	0	0	11	3	14	1	-	1
70	8	4	12	2	0	2	8	3	11	1	-	1
71	12	2	14	5	1	7	6	4	10	1	-	1
72	17	3	20	4	0	4	10	4	14	1	1	2
73	16	4	20	4	2	6	8	1	9	3	0	3
74	16	5	21	7	1	8	14	2	16	1	0	1
75	18	1	19	9	1	10	7	1	8	1	1	2
76	24	1	25	16	1	17	15	2	17	1	0	1
77	23	0	23	11	1	12	8	3	11	1	0	1
78	19	2	21	11	1	12	14	0	14	6	0	6
79	15	5	20	8	0	8	10	1	11	3	0	3
80	17	2	19	13	0	13	5	0	5	2	0	2
81	7	0	7	8	0	8	6	0	6	5	0	5
82	9	2	11	7	0	7	5	0	5	2	0	2
83	13	1	14	6	0	6	4	0	4	6	0	6
84	15	0	15	6	0	6	4	1	5	1	0	1
85	9	2	11	2	0	2	3	0	3	2	0	2
86	12	0	12	2	1	3	4	0	4	2	0	2

Appendix table 2 (cont'd)

Total length (cm)	Set no. 18 M	18 F	18 T	19 M	19 F	19 T	22 M	22 F	22 T	23 M	23 F	23 T
87	8	0	8	3	2	5	5	0	5	4	0	4
88	5	0	5	3	0	3	2	0	2	2	0	2
89	5	0	5	1	0	1	1	0	1	3	0	3
90	4	0	4	0	0	0	3	0	3	0	0	0
91	1	0	1	2	1	3	0	0	0	1	0	1
92	0	0	0	0	0	0	2	0	2	-	2	2
93	1	0	1	0	0	0	-	0	0	-	0	0
94	0	0	0	1	0	1	-	0	0	-	2	2
95	0	0	0	-	0	0	-	0	0	-	0	0
96	0	2	2	-	0	0	-	0	0	-	0	0
97	1	2	3	-	0	0	-	1	1	-	1	1
98	-	2	2	-	1	1	-	0	0	-	0	0
99	-	0	0	-	-	-	-	0	0	-	0	0
100	-	1	1	-	-	-	-	0	0	-	2	2
101	-	0	0	-	-	-	-	0	0	-	-	-
102	-	3	3	-	-	-	-	1	1	-	-	-
103	-	0	0	-	-	-	-	1	1	-	-	-
104	-	1	1	-	-	-	-	0	0	-	-	-
105	-	0	0	-	-	-	-	1	1	-	-	-
106	-	0	0	-	-	-	-	1	1	-	-	-
107	-	1	1	-	-	-	-	0	0	-	-	-
108	-	0	0	-	-	-	-	0	0	-	-	-
109	-	0	0	-	-	-	-	1	1	-	-	-
110	-	0	0	-	-	-	-	-	-	-	-	-
111	-	0	0	-	-	-	-	-	-	-	-	-
112	-	1	1	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	362	82	444	137	14	152	227	63	290	56	9	65

Appendix table 2 (cont'd)

Total length (cm)	Set no. 24 M	24 F	24 T	25 M	25 F	25 T	26 M	26 F	26 T	27 M	27 F	27 T
44	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	1	-	1	-	-	-
47	-	-	-	-	-	-	0	-	0	-	-	-
48	-	-	-	-	-	-	0	-	0	-	-	-
49	-	-	-	-	-	-	0	-	0	-	-	-
50	-	-	-	-	-	-	0	-	0	-	-	-
51	-	-	-	-	-	-	0	-	0	-	-	-
52	-	-	-	-	-	-	1	-	1	-	1	1
53	-	-	-	-	-	-	0	-	0	-	1	1
54	-	-	-	-	-	-	0	1	1	1	1	2
55	-	-	-	-	-	-	0	0	0	1	0	1
56	-	-	-	-	-	-	0	2	2	1	0	1
57	-	1	1	-	-	-	1	1	2	1	3	4
58	-	0	0	-	-	-	4	2	6	1	3	4
59	-	0	0	-	-	-	1	2	3	0	0	0
60	-	1	1	-	-	-	2	3	5	3	1	4
61	-	0	0	-	-	-	4	4	8	2	3	5
62	1	0	1	-	-	-	5	4	9	7	0	7
63	1	1	2	-	-	-	4	3	7	8	1	9
64	0	0	0	-	-	-	9	3	12	3	5	8
65	0	0	0	-	-	-	4	2	6	5	4	9
66	2	0	2	-	-	-	6	1	7	3	3	6
67	1	0	1	-	-	-	4	3	7	4	1	5
68	0	0	0	-	-	-	7	4	11	9	1	10
69	0	0	0	-	1	1	6	2	8	11	0	11
70	0	1	1	-	0	0	7	4	11	4	1	5
71	0	0	0	2	0	2	8	5	13	1	2	3
72	2	0	2	3	0	3	5	1	6	4	0	4
73	1	0	1	2	0	2	8	1	9	7	1	8
74	1	1	2	1	0	1	6	2	8	9	1	10
75	2	1	3	2	0	2	10	0	10	6	1	7
76	1	0	1	2	0	2	6	3	9	3	1	4
77	3	0	3	3	0	3	5	3	8	11	0	11
78	2	0	2	2	0	2	5	0	5	4	1	5
79	2	0	2	2	0	2	4	0	4	3	0	3
80	2	0	2	10	0	10	2	0	2	2	0	2
81	1	0	1	6	0	6	3	0	3	1	0	1
82	2	0	2	5	0	5	2	0	2	2	0	2
83	5	0	5	1	0	1	3	1	4	3	1	4
84	0	1	1	2	0	2	2	0	2	1	0	1
85	3	0	3	0	0	0	1	0	1	0	0	0
86	0	0	0	5	0	5	3	0	3	3	0	3

Appendix table 2 (cont'd)

Total length (cm)	Set no. 24			25			26			27		
	M	F	T	M	F	T	M	F	T	M	F	T
87	1	0	1	2	0	2	0	0	0	1	0	1
88	0	0	0	2	0	2	1	0	1	1	0	1
89	1	0	1	0	0	0	0	0	0	1	0	1
90	-	2	2	2	0	2	1	0	1	0	0	0
91	-	0	0	-	0	0	-	0	0	0	0	0
92	-	1	1	-	0	0	-	0	0	1	0	1
93	-	0	0	-	0	0	-	0	0	-	0	0
94	-	1	1	-	0	0	-	0	0	-	0	0
95	-	0	0	-	0	0	-	0	0	-	0	0
96	-	0	0	-	0	0	-	0	0	-	0	0
97	-	0	0	-	0	0	-	0	0	-	0	0
98	-	0	0	-	0	0	-	0	0	-	0	0
99	-	0	0	-	0	0	-	0	0	-	0	0
100	-	0	0	-	0	0	-	0	0	-	1	1
101	-	1	1	-	0	0	-	1	1	-	1	1
102	-	2	2	-	0	0	-	0	0	-	1	1
103	-	0	0	-	0	0	-	1	1	-	-	-
104	-	0	0	-	0	0	-	-	-	-	-	-
105	-	1	1	-	1	1	-	-	-	-	-	-
106	-	0	0	-	-	-	-	-	-	-	-	-
107	-	1	1	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	34	16	50	54	2	56	141	59	200	128	40	168

Appendix table 2 (cont'd)

Total length (cm)	Set no. 28 M	28 F	28 T	29 M	29 F	29 T	30 M	30 F	30 T	31 M	31 F	31 T
44	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	1	1	-	-	-	-	-	-
55	-	-	-	-	0	0	-	-	-	-	-	-
56	-	-	-	-	0	0	-	-	-	-	-	-
57	-	-	-	-	0	0	-	-	-	-	-	-
58	-	-	-	-	0	0	-	-	-	-	-	-
59	-	-	-	1	0	1	-	-	-	1	1	2
60	-	-	-	0	0	0	-	-	-	0	0	0
61	-	-	-	0	0	0	-	1	1	0	0	0
62	-	-	-	0	0	0	-	0	0	2	1	3
63	-	-	-	0	0	0	-	0	0	1	2	3
64	-	-	-	0	0	0	1	0	1	0	0	0
65	-	-	-	0	0	0	1	0	1	0	0	0
66	-	-	-	1	0	1	1	0	1	0	1	1
67	-	-	-	0	0	0	0	1	1	0	0	0
68	-	-	-	0	0	0	3	1	4	1	0	1
69	1	-	1	1	2	3	2	0	2	2	0	2
70	0	-	0	1	1	2	2	0	2	2	1	3
71	0	1	1	0	1	1	2	2	4	1	2	3
72	0	0	0	2	0	2	3	0	3	2	3	5
73	0	0	0	2	0	2	7	1	8	3	1	4
74	0	0	0	3	0	3	6	0	6	3	0	3
75	3	3	6	2	0	2	1	3	4	4	3	7
76	1	1	2	2	0	2	7	1	8	3	4	7
77	1	0	1	1	2	3	8	0	8	1	0	1
78	3	0	3	3	0	3	5	1	6	5	0	5
79	0	0	0	0	1	1	4	1	5	2	1	3
80	1	0	1	0	1	1	1	1	2	0	2	2
81	0	0	0	0	0	0	5	0	5	5	2	7
82	0	0	0	1	0	1	2	0	2	4	0	4
83	0	0	0	0	0	0	2	0	2	2	2	4
84	0	0	0	4	0	4	2	1	3	3	3	6
85	2	0	2	1	0	1	3	0	3	0	2	2
86	0	0	0	0	0	0	0	0	0	0	0	0

Appendix table 2 (cont'd)

Total length (cm)	Set no. 28 M	28 F	28 T	29 M	29 F	29 T	30 M	30 F	30 T	31 M	31 F	31 T
87	2	0	2	0	0	0	0	0	0	1	0	1
88	-	0	0	0	0	0	1	0	1	1	0	1
89	-	1	1	2	0	2	0	1	1	1	0	1
90	-	0	0	-	0	0	1	2	3	-	0	0
91	-	2	2	-	0	0	-	3	3	-	0	0
92	-	0	0	-	0	0	-	0	0	-	1	1
93	-	1	1	-	0	0	-	2	2	-	0	0
94	-	0	0	-	0	0	-	0	0	-	0	0
95	-	0	0	-	0	0	-	1	1	-	1	1
96	-	0	0	-	0	0	-	1	1	-	0	0
97	-	1	1	-	1	1	-	2	2	-	0	0
98	-	1	1	-	1	1	-	1	1	-	1	1
99	-	0	0	-	-	-	-	6	6	-	1	1
100	-	0	0	-	-	-	-	2	2	-	0	0
101	-	1	1	-	-	-	-	1	1	-	1	1
102	-	0	0	-	-	-	-	0	0	-	1	1
103	-	1	1	-	-	-	-	1	1	-	0	0
104	-	0	0	-	-	-	-	3	3	-	0	0
105	-	0	0	-	-	-	-	2	2	-	0	0
106	-	1	1	-	-	-	-	1	1	-	2	2
107	-	-	-	-	-	-	-	3	3	-	0	0
108	-	-	-	-	-	-	-	1	1	-	0	0
109	-	-	-	-	-	-	-	0	0	-	1	1
110	-	-	-	-	-	-	-	0	0	-	-	-
111	-	-	-	-	-	-	-	1	1	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	14	14	28	27	11	38	70	48	118	50	40	90

Appendix table 2 (cont'd)

Total length (cm)	Set no. 32 M	32 F	32 T	35 M	35 F	35 T	36 M	36 F	36 T	37 M	37 F	37 T
44	-	-	-	1	-	1	-	-	-	-	-	-
45	-	-	-	0	-	0	-	-	-	-	-	-
46	-	1	1	0	-	0	-	-	-	-	-	-
47	-	0	0	0	-	0	-	-	-	-	-	-
48	-	0	0	0	-	0	-	-	-	-	-	-
49	-	0	0	0	-	0	-	-	-	-	-	-
50	-	0	0	0	1	1	-	1	1	-	-	-
51	-	0	0	0	0	0	-	0	0	-	-	-
52	1	1	2	0	0	0	-	0	0	-	-	-
53	0	0	0	0	0	0	-	0	0	-	-	-
54	0	0	0	0	0	0	-	1	1	-	-	-
55	0	1	1	0	1	1	-	0	0	-	-	-
56	0	0	0	1	0	1	-	0	0	-	-	-
57	0	1	1	0	0	0	1	1	2	-	-	-
58	1	0	1	0	0	0	0	0	0	-	-	-
59	0	0	0	0	0	0	0	0	0	-	-	-
60	1	0	1	0	1	1	0	0	0	-	1	1
61	2	1	3	0	2	2	0	0	0	-	0	0
62	0	3	3	1	1	2	0	0	0	1	0	1
63	0	1	1	3	1	4	0	2	2	0	0	0
64	0	1	1	3	4	7	0	0	0	1	0	1
65	1	1	2	3	3	6	1	1	2	0	0	0
66	1	1	2	1	1	2	0	1	1	0	0	0
67	2	2	4	2	4	6	1	1	2	1	1	2
68	2	0	2	3	4	7	0	0	0	0	0	0
69	3	2	5	3	5	8	0	0	0	0	0	0
70	2	1	3	5	7	12	2	1	3	0	1	1
71	5	2	7	7	1	8	2	0	2	2	0	2
72	1	1	2	4	4	8	1	0	1	0	0	0
73	5	1	6	9	3	12	2	1	3	2	2	4
74	8	5	13	11	1	12	4	1	5	3	0	3
75	4	2	6	12	4	16	8	0	8	7	0	7
76	8	1	9	19	2	21	5	2	7	4	0	4
77	8	2	10	12	3	15	4	1	5	3	0	3
78	6	2	8	12	2	14	1	0	1	6	1	7
79	1	1	2	4	1	5	4	2	6	3	0	3
80	3	0	3	3	0	3	1	0	1	7	0	7
81	7	2	9	9	3	12	1	0	1	5	2	7
82	3	2	5	3	3	6	1	0	1	1	0	1
83	2	2	4	4	1	5	2	0	2	1	1	2
84	5	2	7	3	2	5	-	1	1	1	0	1
85	0	0	0	1	2	3	-	0	0	0	0	0
86	0	1	1	4	0	4	-	0	0	2	1	3

Appendix table 2 (cont'd)

Total length (cm)	Set no. 32			35			36			37		
	M	F	T	M	F	T	M	F	T	M	F	T
87	0	0	0	2	1	3	-	0	0	1	0	1
88	1	0	1	1	1	2	-	0	0	-	0	0
89	0	0	0	0	0	0	-	2	2	-	0	0
90	0	0	0	0	1	1	-	0	0	-	0	0
91	0	3	3	2	0	2	-	1	1	-	0	0
92	1	0	1	0	0	0	-	0	0	-	1	1
93	-	0	0	1	2	3	-	0	0	-	0	0
94	-	4	4	1	0	1	-	0	0	-	0	0
95	-	1	1	-	1	1	-	0	0	-	1	1
96	-	2	2	-	1	1	-	0	0	-	0	0
97	-	0	0	-	1	1	-	0	0	-	0	0
98	-	3	3	-	2	2	-	0	0	-	0	0
99	-	1	1	-	3	3	-	1	1	-	0	0
100	-	5	5	-	1	1	-	0	0	-	0	0
101	-	2	2	-	1	1	-	3	3	-	0	0
102	-	1	1	-	1	1	-	1	1	-	0	0
103	-	2	2	-	3	3	-	0	0	-	1	1
104	-	1	1	-	3	3	-	0	0	-	0	0
105	-	3	3	-	1	1	-	1	1	-	0	0
106	-	2	2	-	0	0	-	0	0	-	0	0
107	-	1	1	-	4	4	-	0	0	-	0	0
108	-	2	2	-	1	1	-	0	0	-	0	0
109	-	1	1	-	1	1	-	0	0	-	0	0
110	-	1	1	-	0	0	-	0	0	-	0	0
111	-	2	2	-	0	0	-	0	0	-	1	1
112	-	2	2	-	1	1	-	0	0	-	-	-
113	-	2	2	-	0	0	-	0	0	-	-	-
114	-	1	1	-	0	0	-	0	0	-	-	-
115	-	2	2	-	0	0	-	1	1	-	-	-
116	-	-	-	-	0	0	-	-	-	-	-	-
117	-	-	-	-	1	1	-	-	-	-	-	-
Total	84	87	171	150	98	248	41	27	68	51	14	65

Appendix table 2 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
44	1	-	1	-	-	-	1	-	1
45	0	-	0	-	-	-	0	-	0
46	1	1	2	1	-	1	2	1	3
47	0	0	0	0	-	0	0	0	0
48	0	1	1	0	1	1	0	2	2
49	0	0	0	0	0	0	0	0	0
50	0	3	3	0	0	0	0	3	3
51	0	0	0	0	0	0	0	0	0
52	3	2	5	0	0	0	3	2	5
53	1	3	4	0	0	0	1	3	4
54	2	4	6	1	0	1	3	4	7
55	3	4	7	0	0	0	3	4	7
56	4	4	8	0	1	1	4	5	9
57	4	8	12	0	0	0	4	8	12
58	16	9	25	1	1	2	17	10	27
59	6	6	12	0	1	1	6	7	13
60	12	10	22	2	0	2	14	10	24
61	19	14	33	1	1	2	20	15	35
62	27	14	41	5	6	11	32	20	52
63	30	15	45	4	0	4	34	15	49
64	40	20	60	5	0	5	45	20	65
65	34	19	53	3	2	5	37	21	58
66	27	14	41	5	2	7	32	16	48
67	43	17	60	4	1	5	47	18	65
68	46	23	69	7	1	8	53	24	77
69	57	19	76	7	1	8	64	20	84
70	46	25	71	3	1	4	49	26	75
71	58	24	83	8	0	8	66	24	91
72	63	17	80	13	2	15	76	19	95
73	85	18	103	4	3	7	89	21	110
74	108	19	127	10	2	12	118	21	139
75	113	21	134	6	0	6	119	21	140
76	130	22	152	8	1	9	138	23	161
77	132	16	148	9	0	9	141	16	157
78	148	11	159	5	4	9	153	15	168
79	113	15	128	8	1	9	121	16	137
80	125	6	131	8	2	10	133	8	141
81	130	10	140	9	1	10	139	11	150
82	107	9	116	7	1	8	114	10	124
83	100	10	110	2	0	2	102	10	112
84	100	11	111	6	1	7	106	12	118
85	77	9	86	8	0	8	85	9	94
86	65	3	68	4	0	4	69	3	72

Appendix table 2 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
87	64	4	68	2	0	2	66	4	70
88	46	4	50	1	1	2	47	5	52
89	36	6	42	1	2	3	37	8	45
90	23	7	30	2	2	4	25	9	34
91	15	11	26	0	1	1	15	12	27
92	6	5	11	1	0	1	7	5	12
93	5	6	11	-	1	1	5	7	12
94	4	10	14	-	2	2	4	12	16
95	2	10	12	-	0	0	2	10	12
96	0	8	8	-	0	0	0	8	8
97	1	12	13	-	0	0	1	12	13
98	2	13	15	-	0	0	2	13	15
99	-	14	14	-	0	0	-	14	14
100	-	18	18	-	1	1	-	19	19
101	-	17	17	-	2	2	-	19	19
102	-	15	15	-	0	0	-	15	15
103	-	11	11	-	0	0	-	11	11
104	-	10	10	-	0	0	-	10	10
105	-	14	14	-	0	0	-	14	14
106	-	11	11	-	2	2	-	13	13
107	-	12	12	-	0	0	-	12	12
108	-	8	8	-	0	0	-	8	8
109	-	5	5	-	1	1	-	6	6
110	-	2	2	-	0	0	-	2	2
111	-	5	5	-	1	1	-	6	6
112	-	5	5	-	0	0	-	5	5
113	-	2	2	-	0	0	-	2	2
114	-	3	3	-	0	0	-	3	3
115	-	3	3	-	0	0	-	3	3
116	-	1	1	-	0	0	-	1	1
117	-	3	3	-	1	1	-	4	4
Total	2280	711	2992	171	54	225	2451	765	3217

Appendix table 3. Length frequency of tagged dogfish by set, Campbell River area, April-May 1982.

Total length (cm)	Set no. 1			2			3			4		
	M	F	T	M	F	T	M	F	T	M	F	T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	1	1
51	-	-	-	-	-	-	-	1	1	-	0	0
52	-	-	-	-	-	-	-	0	0	-	1	1
53	-	1	1	1	-	1	-	0	0	1	0	1
54	-	0	0	0	-	0	-	1	1	0	3	3
55	-	0	0	0	-	0	-	0	0	0	0	0
56	-	1	1	0	-	0	-	0	0	0	2	2
57	2	0	2	0	1	1	-	0	0	2	5	7
58	2	2	4	1	2	3	2	3	5	1	1	2
59	0	1	1	0	0	0	0	1	1	4	5	9
60	2	3	5	0	1	1	1	0	1	1	2	3
61	2	1	3	2	2	4	0	1	1	0	3	3
62	2	3	5	0	1	1	0	1	1	2	5	7
63	2	2	4	1	0	1	1	0	1	2	3	5
64	0	0	0	0	4	4	1	3	4	1	8	9
65	3	2	5	2	0	2	1	2	3	1	2	3
66	0	6	6	1	2	3	0	4	4	1	3	4
67	3	4	7	3	5	8	0	3	3	1	3	4
68	0	1	1	1	1	2	0	2	2	1	2	3
69	1	2	3	2	3	5	0	0	0	2	3	5
70	5	2	7	1	3	4	3	2	5	1	3	4
71	3	2	5	2	3	5	2	1	3	0	2	2
72	0	4	4	3	0	3	3	3	6	1	0	1
73	3	4	7	6	3	9	3	4	7	1	1	2
74	1	2	3	3	3	6	5	3	8	0	0	0
75	4	2	6	3	3	6	2	2	4	0	1	1
76	4	3	7	4	1	5	6	3	9	0	0	0
77	1	1	2	3	6	9	3	1	4	0	1	1
78	0	1	1	4	1	5	6	6	12	0	1	1
79	2	1	3	4	1	5	5	2	7	1	0	1
80	2	2	4	9	3	12	3	2	5	-	0	0
81	1	1	2	2	2	4	0	1	1	-	0	0
82	2	0	2	2	1	3	1	0	1	-	0	0
83	1	0	1	1	2	3	2	1	3	-	1	1
84	1	1	2	3	0	3	0	2	2	-	0	0
85	0	1	1	1	1	2	0	0	0	-	0	0
86	2	0	2	4	0	4	1	0	1	-	1	1
87	2	0	2	2	0	2	-	0	0	-	0	0
88	-	0	0	3	0	3	-	0	0	-	1	1
89	-	1	1	0	0	0	-	4	4	-	1	1

Appendix table 3 (cont'd)

Total length (cm)	Set no. 1			2			3			4		
	M	F	T	M	F	T	M	F	T	M	F	T
90	-	0	0	1	0	1	-	0	0	-	0	0
91	-	0	0	-	1	1	-	1	1	-	0	0
92	-	2	2	-	1	1	-	1	1	-	0	0
93	-	1	1	-	0	0	-	1	1	-	1	1
94	-	2	2	-	0	0	-	0	0	-	0	0
95	-	0	0	-	0	0	-	0	0	-	0	0
96	-	0	0	-	0	0	-	0	0	-	0	0
97	-	0	0	-	0	0	-	0	0	-	0	0
98	-	0	0	-	1	1	-	0	0	-	0	0
99	-	1	1	-	0	0	-	2	2	-	1	1
100	-	0	0	-	1	1	-	0	0	-	-	-
101	-	1	1	-	2	2	-	0	0	-	-	-
102	-	0	0	-	0	0	-	1	1	-	-	-
103	-	0	0	-	2	2	-	2	2	-	-	-
104	-	0	0	-	0	0	-	1	1	-	-	-
105	-	0	0	-	1	1	-	0	0	-	-	-
106	-	1	1	-	2	2	-	0	0	-	-	-
107	-	0	0	-	-	-	-	1	1	-	-	-
108	-	0	0	-	-	-	-	0	0	-	-	-
109	-	1	1	-	-	-	-	0	0	-	-	-
110	-	1	1	-	-	-	-	1	1	-	-	-
111	-	-	-	-	-	-	-	1	1	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	53	67	120	75	66	141	51	71	122	24	67	91

Appendix table 3 (cont'd)

Total length (cm)	Set no. 5			6			7			8		
	M	F	T	M	F	T	M	F	T	M	F	T
48	1	-	1	-	-	-	-	-	-	-	-	-
49	1	-	1	-	-	-	-	-	-	-	-	-
50	0	-	0	-	-	-	-	-	-	-	-	-
51	0	-	0	-	-	-	-	-	-	-	-	-
52	0	-	0	-	-	-	-	-	-	-	-	-
53	1	-	1	-	-	-	-	-	-	-	-	-
54	0	-	0	-	1	1	-	-	-	-	-	-
55	0	1	1	-	0	0	-	-	-	1	-	1
56	0	0	0	-	0	0	-	-	-	0	-	0
57	1	1	2	-	0	0	-	-	-	0	-	0
58	0	2	2	-	0	0	-	-	-	0	-	0
59	0	5	5	-	0	0	-	-	-	0	-	0
60	0	1	1	-	0	0	-	-	-	0	-	0
61	0	1	1	-	1	1	-	-	-	0	-	0
62	1	4	5	-	0	0	-	-	-	0	-	0
63	0	4	4	-	1	1	1	-	1	0	-	0
64	0	2	2	-	0	0	0	1	1	0	-	0
65	0	4	4	-	1	1	1	0	1	0	-	0
66	2	4	6	-	2	2	1	1	2	0	-	0
67	0	0	0	-	1	1	3	0	3	0	-	0
68	0	1	1	-	2	2	1	1	2	0	-	0
69	0	0	0	1	1	2	1	0	1	1	-	1
70	0	4	4	1	0	1	3	1	4	0	-	0
71	0	1	1	1	1	2	1	1	2	0	-	0
72	0	2	2	1	2	3	10	0	10	0	-	0
73	0	2	2	1	2	3	5	0	5	0	-	0
74	0	1	1	2	1	3	5	2	7	0	-	0
75	1	0	1	0	0	0	10	0	10	0	-	0
76	0	2	2	0	1	1	12	0	12	0	-	0
77	0	1	1	0	3	3	10	0	10	0	-	0
78	0	1	1	0	0	0	13	0	13	1	-	1
79	0	2	2	2	2	4	6	0	6	0	-	0
80	2	0	2	0	1	1	13	1	14	0	-	0
81	0	0	0	0	0	0	10	0	10	0	-	0
82	0	1	1	0	1	1	13	0	13	1	-	1
83	1	0	1	0	0	0	6	0	6	0	1	1
84	1	1	2	0	1	1	2	0	2	0	0	0
85	0	0	0	0	0	0	7	0	7	0	0	0
86	0	1	1	0	0	0	2	0	2	1	0	1
87	0	1	1	0	0	0	3	1	4	0	0	0
88	0	0	0	0	0	0	1	1	2	0	0	0
89	0	0	0	1	2	3	1	0	1	3	0	3

Appendix table 3 (cont'd)

Total length (cm)	Set no. 5			6			7			8		
	M	F	T	M	F	T	M	F	T	M	F	T
90	0	0	0	-	0	0	2	1	3	0	0	0
91	0	4	4	-	1	1	-	-	-	0	0	0
92	0	0	0	-	1	1	-	-	-	0	1	1
93	1	0	1	-	1	1	-	-	-	0	0	0
94	-	0	0	-	0	0	-	-	-	0	0	0
95	-	2	2	-	3	3	-	-	-	0	0	0
96	-	0	0	-	0	0	-	-	-	0	0	0
97	-	0	0	-	5	5	-	-	-	0	0	0
98	-	1	1	-	2	2	-	-	-	1	0	1
99	-	1	1	-	1	1	-	-	-	-	0	0
100	-	1	1	-	1	1	-	-	-	-	1	1
101	-	2	2	-	3	3	-	-	-	-	0	0
102	-	0	0	-	4	4	-	-	-	-	0	0
103	-	0	0	-	3	3	-	-	-	-	1	1
104	-	0	0	-	3	3	-	-	-	-	0	0
105	-	1	1	-	0	0	-	-	-	-	0	0
106	-	1	1	-	1	1	-	-	-	-	1	1
107	-	0	0	-	2	2	-	-	-	-	0	0
108	-	0	0	-	0	0	-	-	-	-	1	1
109	-	0	0	-	2	2	-	-	-	-	0	0
110	-	0	0	-	0	0	-	-	-	-	2	2
111	-	0	0	-	0	0	-	-	-	-	0	0
112	-	1	1	-	1	1	-	-	-	-	0	0
113	-	-	-	-	0	0	-	-	-	-	0	0
114	-	-	-	-	0	0	-	-	-	-	0	0
115	-	-	-	-	1	1	-	-	-	-	0	0
116	-	-	-	-	0	0	-	-	-	-	0	0
117	-	-	-	-	0	0	-	-	-	-	0	0
118	-	-	-	-	0	0	-	-	-	-	1	1
119	-	-	-	-	0	0	-	-	-	-	-	-
120	-	-	-	-	1	1	-	-	-	-	-	-
Total	13	64	77	10	63	73	143	11	154	9	9	18

Appendix table 3 (cont'd)

Total length (cm)	Set no. 9 M	9 F	9 T	10 M	10 F	10 T	11 M	11 F	11 T	12 M	12 F	12 T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	1	-	1	-	-	-
59	-	-	-	-	-	-	0	-	0	-	-	-
60	-	-	-	-	-	-	0	-	0	-	-	-
61	-	-	-	-	-	-	0	-	0	-	-	-
62	-	-	-	-	-	-	0	-	0	-	-	-
63	-	-	-	-	-	-	0	-	0	-	-	-
64	-	-	-	-	-	-	0	-	0	-	-	-
65	-	-	-	-	-	-	0	-	0	-	-	-
66	-	-	-	-	-	-	0	-	0	-	-	-
67	-	-	-	-	-	-	0	-	0	-	-	-
68	-	1	1	-	-	-	0	-	0	-	-	-
69	1	0	1	-	-	-	0	-	0	-	-	-
70	0	0	0	-	-	-	0	-	0	-	-	-
71	1	0	1	-	-	-	0	-	0	-	-	-
72	1	0	1	-	-	-	1	-	1	-	-	-
73	3	0	3	-	-	-	1	-	1	1	-	1
74	1	0	1	-	-	-	0	-	0	2	-	2
75	5	0	5	-	-	-	1	-	1	2	-	2
76	3	0	3	2	-	2	1	-	1	3	-	3
77	5	0	5	0	-	0	2	-	2	4	-	4
78	11	0	11	3	-	3	3	-	3	4	1	5
79	9	0	9	2	-	2	10	-	10	8	0	8
80	9	0	9	7	-	7	5	-	5	12	0	12
81	7	0	7	10	-	10	11	1	12	11	0	11
82	4	0	4	10	-	10	10	1	11	10	0	10
83	15	1	16	9	-	9	8	0	8	8	0	8
84	11	0	11	6	-	6	18	1	19	10	0	10
85	8	0	8	16	-	16	12	0	12	5	0	5
86	7	0	7	12	-	12	11	1	12	9	0	9
87	11	0	11	8	-	8	9	0	9	5	0	5
88	8	0	8	7	-	7	7	0	7	2	0	2
89	6	0	6									

Appendix table 3 (cont'd)

Total length (cm)	Set no. 9			10			11			12		
	M	F	T	M	F	T	M	F	T	M	F	T
90	4	0	4	5	-	5	9	0	9	1	0	1
91	1	1	2	4	-	4	6	0	6	4	0	4
92	2	0	2	2	-	2	5	1	6	2	0	2
93	0	0	0	5	-	5	3	2	5	0	0	0
94	1	0	1	0	-	0	3	2	5	1	2	3
95	0	0	0	1	1	2	0	0	0	0	1	1
96	0	0	0	0	0	0	0	0	0	0	0	0
97	1	1	2	0	0	0	2	2	4	0	0	0
98	-	0	0	0	0	0	0	1	1	0	1	1
99	-	1	1	0	1	1	1	1	2	1	0	1
100	-	2	2	0	0	0	-	0	0	-	0	0
101	-	3	3	0	0	0	-	1	1	-	0	0
102	-	0	0	0	0	0	-	1	1	-	0	0
103	-	3	3	0	0	0	-	4	4	-	0	0
104	-	0	0	0	0	0	-	1	1	-	0	0
105	-	1	1	1	0	1	-	2	2	-	0	0
106	-	1	1	-	1	1	-	3	3	-	0	0
107	-	0	0	-	-	-	-	3	3	-	1	1
108	-	1	1	-	-	-	-	0	0	-	-	-
109	-	2	2	-	-	-	-	4	4	-	-	-
110	-	1	1	-	-	-	-	0	0	-	-	-
111	-	0	0	-	-	-	-	2	2	-	-	-
112	-	0	0	-	-	-	-	-	-	-	-	-
113	-	0	0	-	-	-	-	-	-	-	-	-
114	-	1	1	-	-	-	-	-	-	-	-	-
115	-	0	0	-	-	-	-	-	-	-	-	-
116	-	1	1	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	135	21	156	112	3	115	140	34	174	105	6	111

Appendix table 3 (cont'd)

Total length (cm)	Set no. 13			14			15			16		
	M	F	T	M	F	T	M	F	T	M	F	T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	1	1	-	-	-
55	-	-	-	-	-	-	-	0	0	-	-	-
56	-	-	-	-	-	-	-	2	2	-	-	-
57	-	-	-	-	-	-	-	1	1	-	-	-
58	-	-	-	-	-	-	-	0	0	-	-	-
59	-	-	-	-	-	-	-	2	2	-	-	-
60	-	-	-	-	-	-	-	0	0	-	-	-
61	-	-	-	-	-	-	-	2	2	-	-	-
62	-	-	-	-	-	-	-	0	0	-	-	-
63	-	-	-	-	-	-	1	3	4	-	-	-
64	-	-	-	-	-	-	0	0	0	-	-	-
65	-	-	-	-	-	-	0	1	1	-	-	-
66	-	-	-	-	-	-	0	0	0	-	-	-
67	-	-	-	-	-	-	0	0	0	-	-	-
68	-	-	-	-	-	-	0	0	0	-	-	-
69	-	-	-	-	-	-	0	1	1	-	-	-
70	-	-	-	-	1	1	1	1	2	-	-	-
71	1	-	1	-	0	0	0	1	1	-	-	-
72	0	-	0	-	0	0	1	1	2	-	-	-
73	0	-	0	-	1	1	1	2	3	-	-	-
74	1	-	1	-	0	0	0	2	2	1	-	1
75	0	-	0	-	0	0	0	0	0	0	-	0
76	1	-	1	-	1	1	1	0	1	4	-	4
77	1	-	1	1	0	1	0	0	0	3	-	3
78	0	-	0	-	0	0	1	0	1	6	-	6
79	1	-	1	-	1	1	0	0	0	10	-	10
80	3	1	4	-	2	2	0	0	0	7	-	7
81	2	0	2	-	1	1	0	2	2	16	-	16
82	8	0	8	-	0	0	1	1	2	19	-	19
83	7	0	7	-	0	0	0	0	0	17	-	17
84	4	0	4	-	0	0	0	0	0	20	-	20
85	5	0	5	-	0	0	0	0	0	16	-	16
86	5	0	5	-	0	0	0	0	0	17	-	17
87	2	0	2	-	0	0	1	1	2	7	-	7
88	4	1	5	-	1	1	-	1	1	10	-	10
89	2	0	2	-	0	0	-	2	2	7	-	7

Appendix table 3 (cont'd)

Total length (cm)	Set no. 13 M	13 F	13 T	14 M	14 F	14 T	15 M	15 F	15 T	16 M	16 F	16 T
90	3	0	3	-	1	1	-	5	5	4	-	4
91	0	1	1	-	1	1	-	1	1	2	-	2
92	2	0	2	-	0	0	-	0	0	4	-	4
93	0	1	1	-	2	2	-	0	0	0	-	0
94	2	1	3	-	0	0	-	2	2	0	-	0
95	0	1	1	-	0	0	-	4	4	0	-	0
96	0	0	0	-	0	0	-	2	2	0	-	0
97	0	0	0	-	0	0	-	2	2	0	-	0
98	0	1	1	-	0	0	-	2	2	1	-	1
99	0	2	2	-	1	1	-	0	0	-	-	-
100	0	2	2	-	2	2	-	0	0	-	-	-
101	0	1	1	-	0	0	-	0	0	-	-	-
102	0	3	3	-	1	1	-	1	1	-	-	-
103	0	2	2	-	1	1	-	0	0	-	-	-
104	0	0	0	-	1	1	-	2	2	-	-	-
105	0	3	3	-	1	1	-	0	0	-	-	-
106	0	0	0	-	0	0	-	0	0	-	-	-
107	0	1	1	-	0	0	-	1	1	-	-	-
108	0	0	0	-	0	0	-	0	0	-	-	-
109	1	1	2	-	0	0	-	0	0	-	-	-
110	-	1	1	-	0	0	-	1	1	-	-	-
111	-	0	0	-	0	0	-	-	-	-	-	-
112	-	1	1	-	0	0	-	-	-	-	-	-
113	-	0	0	-	0	0	-	-	-	-	-	-
114	-	0	0	-	0	0	-	-	-	-	-	-
115	-	0	0	-	0	0	-	-	-	-	-	-
116	-	1	1	-	0	0	-	-	-	-	-	-
117	-	-	-	-	0	0	-	-	-	-	-	-
118	-	-	-	-	1	1	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	55	25	80	1	20	21	8	50	58	171	0	171

Appendix table 3 (cont'd)

Total length (cm)	Set no. 17			18			19			20		
	M	F	T	M	F	T	M	F	T	M	F	T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	1	-	1	1	-	1
72	-	-	-	-	-	-	0	-	0	5	-	5
73	-	-	-	-	-	-	4	-	4	1	-	1
74	-	-	-	1	-	1	3	-	3	2	-	2
75	-	-	-	0	-	0	5	-	5	2	-	2
76	-	-	-	3	-	3	7	-	7	7	-	7
77	-	-	-	2	-	2	8	-	8	8	-	8
78	-	-	-	1	-	1	10	-	10	10	-	10
79	-	-	-	6	-	6	9	-	9	10	-	10
80	-	-	-	14	-	14	16	-	16	13	-	13
81	-	-	-	13	-	13	13	-	13	10	1	11
82	-	-	-	12	-	12	8	-	8	12	0	12
83	-	-	-	15	1	16	5	-	5	13	0	13
84	-	-	-	14	0	14	11	-	11	16	0	16
85	1	-	1	13	0	13	1	-	1	11	0	11
86	0	-	0	13	0	13	4	-	4	12	0	12
87	1	-	1	10	0	10	3	-	3	4	0	4
88	2	-	2	11	0	11	2	-	2	3	0	3
89	-	-	0	8	0	8	1	-	1	3	0	3

Appendix table 3 (cont'd)

Total length (cm)	Set no. 17 M	17 F	17 T	18 M	18 F	18 T	19 M	19 F	19 T	20 M	20 F	20 T
90	-	-	0	2	0	2	-	-	0	2	0	2
91	-	-	0	4	0	4	-	-	0	1	0	1
92	-	-	0	6	0	6	-	-	0	-	0	0
93	-	-	0	3	0	3	-	-	0	-	0	0
94	-	-	0	0	0	0	-	1	1	-	0	0
95	-	-	0	1	0	1	-	0	0	-	0	0
96	-	-	0	0	0	0	-	1	1	-	0	0
97	-	-	0	0	0	0	-	0	0	-	0	0
98	-	-	0	0	1	1	-	1	1	-	1	1
99	-	-	0	1	0	1	-	0	0	-	-	-
100	-	1	1	-	1	1	-	1	1	-	-	-
101	-	0	0	-	0	0	-	0	0	-	-	-
102	-	0	0	-	0	0	-	1	1	-	-	-
103	-	1	1	-	3	3	-	1	1	-	-	-
104	-	0	0	-	2	2	-	0	0	-	-	-
105	-	0	0	-	0	0	-	0	0	-	-	-
106	-	2	2	-	1	1	-	0	0	-	-	-
107	-	0	0	-	1	1	-	2	2	-	-	-
108	-	0	0	-	0	0	-	0	0	-	-	-
109	-	0	0	-	1	1	-	1	1	-	-	-
110	-	0	0	-	0	0	-	0	0	-	-	-
111	-	1	1	-	1	1	-	0	0	-	-	-
112	-	-	-	-	0	0	-	1	1	-	-	-
113	-	-	-	-	0	0	-	1	1	-	-	-
114	-	-	-	-	0	0	-	-	-	-	-	-
115	-	-	-	-	1	1	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	5	9	153	13	166	111	11	122	146	2	148

Appendix table 3 (cont'd)

Total length (cm)	Set no. 21 M	21 F	21 T	22 M	22 F	22 T	23 M	23 F	23 T	24 M	24 F	24 T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	1	1	2
52	-	-	-	-	-	-	-	-	-	0	0	0
53	-	-	-	-	-	-	-	-	-	0	0	0
54	-	-	-	-	-	-	-	-	-	0	2	2
55	-	-	-	-	-	-	-	-	-	0	0	0
56	-	-	-	-	-	-	-	-	-	0	0	0
57	-	-	-	-	-	-	-	-	-	0	0	0
58	-	-	-	-	-	-	-	-	-	3	1	4
59	-	-	-	-	-	-	-	-	-	2	0	2
60	-	-	-	-	-	-	-	-	-	1	0	1
61	-	-	-	-	-	-	-	-	-	2	0	2
62	-	-	-	-	-	-	-	-	-	3	1	4
63	-	-	-	1	-	1	-	-	-	6	1	7
64	-	-	-	1	1	2	-	-	-	2	2	4
65	-	-	-	0	0	0	-	-	-	3	1	4
66	-	-	-	1	0	1	-	-	-	3	2	5
67	-	-	-	0	0	0	-	-	-	2	2	4
68	-	-	-	1	3	4	1	-	1	3	2	5
69	-	-	-	3	2	5	0	-	0	4	1	5
70	-	-	-	4	0	4	2	-	2	2	1	3
71	-	-	-	2	0	2	0	-	0	4	0	4
72	-	-	-	4	0	4	0	-	0	2	0	2
73	-	-	-	6	0	6	3	-	3	8	0	8
74	1	-	1	7	0	7	2	-	2	5	0	5
75	0	-	0	6	0	6	4	-	4	3	0	3
76	0	-	0	13	1	14	4	-	4	2	0	2
77	0	-	0	15	1	16	5	-	5	4	0	4
78	0	-	0	13	1	14	9	-	9	1	0	1
79	0	-	0	11	0	11	6	-	6	1	0	1
80	1	-	1	12	0	12	8	-	8	2	0	2
81	0	-	0	11	0	11	8	-	8	2	0	2
82	1	-	1	11	0	11	13	-	13	1	0	1
83	1	-	1	15	1	16	17	-	17	1	0	1
84	1	-	1	6	0	6	13	-	13	0	0	0
85	1	-	1	5	0	5	12	-	12	1	0	1
86	2	-	2	2	0	2	18	-	18	-	0	0
87	0	-	0	3	0	3	9	-	9	-	0	0
88	2	-	2	4	0	4	9	-	9	-	0	0
89	2	-	2	0	1	1	7	-	7	-	0	0

Appendix table 3 (cont'd)

Total length (cm)	Set no. 21			22			23			24		
	M	F	T	M	F	T	M	F	T	M	F	T
90	1	-	1	2	-	2	1	-	1	-	0	0
91	-	-	0	-	-	-	3	-	3	-	0	0
92	-	-	0	-	-	-	3	-	3	-	0	0
93	-	-	0	-	-	-	2	-	2	-	0	0
94	-	-	0	-	-	-	0	1	1	-	0	0
95	-	-	0	-	-	-	0	0	0	-	0	0
96	-	-	0	-	-	-	0	0	0	-	0	0
97	-	-	0	-	-	-	1	0	1	-	0	0
98	-	-	0	-	-	-	-	0	0	-	1	1
99	-	-	0	-	-	-	-	0	0	-	-	-
100	-	-	0	-	-	-	-	0	0	-	-	-
101	-	-	0	-	-	-	-	0	0	-	-	-
102	-	1	1	-	-	-	-	0	0	-	-	-
103	-	-	-	-	-	-	-	0	0	-	-	-
104	-	-	-	-	-	-	-	1	1	-	-	-
105	-	-	-	-	-	-	-	1	1	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	13	1	14	159	11	170	160	3	163	74	18	92

Appendix table 3 (cont'd)

Total length (cm)	Set no. 25			26			27			28		
	M	F	T	M	F	T	M	F	T	M	F	T
48	-	-	-	-	-	-	-	1	1	-	-	-
49	-	-	-	-	-	-	-	0	0	-	-	-
50	-	-	-	-	-	-	-	0	0	-	-	-
51	-	-	-	-	1	1	-	0	0	-	-	-
52	-	-	-	-	0	0	-	0	0	-	-	-
53	-	-	-	-	1	1	-	0	0	-	-	-
54	-	-	-	-	1	1	-	0	0	-	-	-
55	-	1	1	-	0	0	-	0	0	-	-	-
56	-	0	0	-	0	0	-	0	0	-	-	-
57	-	0	0	-	1	1	1	0	1	-	-	-
58	-	0	0	-	1	1	0	0	0	1	-	1
59	-	0	0	-	0	0	0	0	0	0	-	0
60	2	0	2	-	0	0	0	1	1	0	-	0
61	0	0	0	-	0	0	0	0	0	0	-	0
62	1	0	1	-	0	0	0	0	0	0	-	0
63	1	0	1	-	1	1	0	0	0	1	-	1
64	1	0	1	-	0	0	0	1	1	0	-	0
65	1	0	1	-	0	0	0	0	0	1	-	1
66	1	0	1	-	1	1	1	0	1	0	-	0
67	3	0	3	-	1	1	0	0	0	1	-	1
68	2	0	2	2	1	3	0	0	0	0	-	0
69	0	0	0	1	0	1	0	1	1	0	-	0
70	1	0	1	0	2	2	0	0	0	0	-	0
71	0	0	0	0	0	0	0	0	0	0	-	0
72	0	0	0	0	2	2	0	0	0	0	-	0
73	2	0	2	0	1	1	0	0	0	0	-	0
74	1	0	1	0	1	1	0	0	0	0	-	0
75	0	0	0	1	0	1	0	0	0	0	-	0
76	0	0	0	0	2	2	0	0	0	0	-	0
77	3	0	3	2	0	2	0	1	1	0	-	0
78	1	0	1	-	0	0	0	0	0	1	-	1
79	1	0	1	-	0	0	0	0	0	1	-	1
80	1	0	1	-	1	1	1	1	2	3	-	3
81	0	0	0	-	0	0	-	0	0	1	-	1
82	0	1	1	-	1	1	-	0	0	1	-	1
83	2	0	2	-	0	0	-	0	0	1	-	1
84	1	0	1	-	1	1	-	2	2	1	-	1
85	0	0	0	-	0	0	-	0	0	1	-	1
86	0	0	0	-	1	1	-	0	0	1	1	2
87	0	0	0	-	1	1	-	0	0	2	0	2
88	1	0	1	-	1	1	-	2	2	-	0	0
89	-	0	0	-	2	2	-	2	2	-	0	0

Appendix table 3 (cont'd)

Total length (cm)	Set no. 25			26			27			28		
	M	F	T	M	F	T	M	F	T	M	F	T
90	-	0	0	-	0	0	-	0	0	-	0	0
91	-	0	0	-	2	2	-	2	2	-	0	0
92	-	0	0	-	2	2	-	0	0	-	0	0
93	-	0	0	-	1	1	-	2	2	-	0	0
94	-	0	0	-	1	1	-	3	3	-	1	1
95	-	0	0	-	1	1	-	3	3	-	0	0
96	-	0	0	-	2	2	-	2	2	-	0	0
97	-	1	1	-	3	3	-	0	0	-	1	1
98	-	0	0	-	2	2	-	1	1	-	0	0
99	-	2	2	-	1	1	-	1	1	-	2	2
100	-	0	0	-	4	4	-	1	1	-	0	0
101	-	0	0	-	5	5	-	0	0	-	1	1
102	-	1	1	-	1	1	-	2	2	-	0	0
103	-	1	1	-	0	0	-	1	1	-	0	0
104	-	0	0	-	5	5	-	1	1	-	1	1
105	-	2	2	-	1	1	-	1	1	-	0	0
106	-	0	0	-	3	3	-	1	1	-	0	0
107	-	1	1	-	1	1	-	2	2	-	1	1
108	-	3	3	-	1	1	-	1	1	-	0	0
109	-	2	2	-	1	1	-	1	1	-	1	1
110	-	2	2	-	0	0	-	1	1	-	0	0
111	-	0	0	-	0	0	-	1	1	-	0	0
112	-	1	1	-	0	0	-	1	1	-	0	0
113	-	-	-	-	0	0	-	-	-	-	0	0
114	-	-	-	-	0	0	-	-	-	-	0	0
115	-	-	-	-	0	0	-	-	-	-	0	0
116	-	-	-	-	1	1	-	-	-	-	1	1
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	26	18	44	6	63	69	3	40	43	17	10	27

Appendix table 3 (cont'd)

Total length (cm)	Set no. 29			30			31			32		
	M	F	T	M	F	T	M	F	T	M	F	T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	1	1	-	-	-	-	-	-
60	-	-	-	-	0	0	-	-	-	-	-	-
61	-	-	-	-	1	1	-	-	-	-	-	-
62	-	-	-	-	1	1	-	-	-	-	-	-
63	-	-	-	1	0	1	-	-	-	-	-	-
64	-	-	-	0	1	1	-	-	-	-	-	-
65	-	-	-	0	2	2	-	-	-	-	-	-
66	-	-	-	0	1	1	-	-	-	-	-	-
67	-	-	-	1	0	1	-	-	-	-	-	-
68	-	-	-	1	1	2	-	-	-	-	1	1
69	-	-	-	6	0	6	-	-	-	-	0	0
70	-	-	-	1	0	1	-	-	-	-	0	0
71	-	-	-	2	0	2	-	-	-	1	0	1
72	-	-	-	3	0	3	-	-	-	0	0	0
73	-	-	-	3	0	3	-	1	1	0	0	0
74	-	-	-	1	0	1	-	0	0	0	0	0
75	-	-	-	4	0	4	7	0	7	1	0	1
76	-	-	-	9	0	9	3	0	3	0	0	0
77	-	-	-	3	0	3	7	0	7	0	0	0
78	-	-	-	5	1	6	5	0	5	1	0	1
79	-	-	-	2	0	2	5	0	5	0	0	0
80	-	-	-	8	0	8	4	0	4	0	0	0
81	-	-	-	3	0	3	6	0	6	1	0	1
82	-	-	-	5	0	5	2	0	2	2	0	2
83	-	-	-	3	0	3	1	0	1	0	0	0
84	2	-	2	2	0	2	4	0	4	0	0	0
85	1	-	1	5	0	5	2	0	2	1	0	1
86	-	-	0	2	0	2	4	0	4	1	0	1
87	-	-	0	1	0	1	1	0	1	0	1	1
88	-	-	0	2	0	2	1	0	1	2	0	2
89	-	-	0	0	0	0	1	0	1	2	0	2

Appendix table 3 (cont'd)

Total length (cm)	Set no. 29 M	29 F	29 T	30 M	30 F	30 T	31 M	31 F	31 T	32 M	32 F	32 T
90	-	-	0	1	0	1	3	0	3	0	0	0
91	-	-	0	-	0	0	0	0	0	0	0	0
92	-	-	0	-	0	0	1	0	1	1	0	1
93	-	-	0	-	0	0	2	0	2	0	0	0
94	-	-	0	-	0	0	0	0	0	0	0	0
95	-	-	0	-	1	1	0	0	0	0	2	2
96	-	-	0	-	0	0	1	0	1	1	1	2
97	-	-	0	-	2	2	-	0	0	-	1	1
98	-	-	0	-	0	0	-	0	0	-	1	1
99	-	-	0	-	0	0	-	0	0	-	0	0
100	-	-	0	-	1	1	-	0	0	-	2	2
101	-	-	0	-	0	0	-	1	1	-	2	2
102	-	-	0	-	0	0	-	0	0	-	3	3
103	-	-	0	-	0	0	-	0	0	-	1	1
104	-	1	1	-	0	0	-	0	0	-	1	1
105	-	1	1	-	0	0	-	1	1	-	0	0
106	-	-	-	-	0	0	-	1	1	-	3	3
107	-	-	-	-	1	1	-	0	0	-	1	1
108	-	-	-	-	0	0	-	0	0	-	1	1
109	-	-	-	-	0	0	-	0	0	-	1	1
110	-	-	-	-	0	0	-	2	2	-	0	0
111	-	-	-	-	1	1	-	0	0	-	0	0
112	-	-	-	-	1	1	-	0	0	-	1	1
113	-	-	-	-	-	-	-	0	0	-	0	0
114	-	-	-	-	-	-	-	0	0	-	1	1
115	-	-	-	-	-	-	-	0	0	-	0	0
116	-	-	-	-	-	-	-	0	0	-	0	0
117	-	-	-	-	-	-	-	0	0	-	1	1
118	-	-	-	-	-	-	-	1	1	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	2	5	74	16	90	60	7	67	14	25	39

Appendix table 3 (cont'd)

Total length (cm)	Set no. 33 M	33 F	33 T	34 M	34 F	34 T	35 M	35 F	35 T	36 M	36 F	36 T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	2	1	3	-	-	-	-	-	-
55	-	-	-	0	0	0	-	-	-	-	-	-
56	-	-	-	0	1	1	-	-	-	-	-	-
57	-	-	-	1	0	1	-	-	-	-	-	-
58	-	-	-	1	1	2	-	-	-	1	-	1
59	-	-	-	0	0	0	-	-	-	0	-	0
60	-	-	-	1	2	3	-	-	-	1	-	1
61	-	-	-	3	0	3	-	-	-	1	1	2
62	-	-	-	7	4	11	-	-	-	0	0	0
63	-	-	-	0	3	3	-	-	-	0	1	1
64	-	-	-	5	0	5	-	-	-	1	1	2
65	-	-	-	8	2	10	-	-	-	1	1	2
66	-	-	-	2	1	3	-	-	-	2	0	2
67	-	-	-	6	1	7	1	-	1	4	1	5
68	-	-	-	7	1	8	0	-	0	4	4	8
69	-	-	-	5	2	7	0	-	0	0	1	1
70	-	-	-	2	1	3	0	-	0	1	0	1
71	1	-	1	6	1	7	1	-	1	0	0	0
72	0	1	1	3	3	6	0	-	0	2	0	2
73	2	0	2	2	1	3	0	-	0	1	0	1
74	0	0	0	7	0	7	4	-	4	2	0	2
75	4	0	4	8	0	8	0	-	0	0	1	1
76	0	0	0	7	0	7	3	-	3	5	0	5
77	0	0	0	4	0	4	4	-	4	2	1	3
78	4	0	4	8	0	8	5	-	5	2	0	2
79	2	0	2	4	0	4	4	-	4	2	0	2
80	0	0	0	5	0	5	2	-	2	0	0	0
81	3	0	3	0	0	0	2	-	2	0	0	0
82	0	0	0	1	0	1	2	-	2	2	0	2
83	1	0	1	1	0	1	2	-	2	2	0	2
84	2	0	2	3	0	3	2	-	2	0	0	0
85	3	0	3	0	0	0	3	-	3	1	0	1
86	1	0	1	0	0	0	2	-	2	0	0	0
87	0	0	0	2	1	3	1	-	1	1	0	1
88	2	0	2	0	0	0	1	-	1	0	0	0
89	3	0	3	1	0	1	0	-	0	0	0	0

Appendix table 3 (cont'd)

Total length (cm)	Set no. 33 M	33 F	33 T	34 M	34 F	34 T	35 M	35 F	35 T	36 M	36 F	36 T
90	1	0	1	-	0	0	0	-	0	0	0	0
91	0	1	1	-	1	1	0	-	0	0	0	0
92	0	1	1	-	0	0	1	-	1	0	0	0
93	1	0	1	-	1	1	-	1	1	0	0	0
94	1	0	1	-	0	0	-	0	0	0	0	0
95	-	1	1	-	0	0	-	1	1	0	2	2
96	-	1	1	-	0	0	-	1	1	1	0	1
97	-	0	0	-	0	0	-	2	2	-	0	0
98	-	1	1	-	0	0	-	0	0	-	0	0
99	-	0	0	-	0	0	-	0	0	-	0	0
100	-	2	2	-	0	0	-	0	0	-	0	0
101	-	4	4	-	0	0	-	0	0	-	1	1
102	-	4	4	-	0	0	-	2	2	-	0	0
103	-	1	1	-	0	0	-	1	1	-	0	0
104	-	3	3	-	0	0	-	2	2	-	0	0
105	-	0	0	-	0	0	-	1	1	-	1	1
106	-	4	4	-	0	0	-	0	0	-	0	0
107	-	4	4	-	1	1	-	1	1	-	1	1
108	-	1	1	-	0	0	-	1	1	-	1	1
109	-	1	1	-	0	0	-	0	0	-	0	0
110	-	4	4	-	0	0	-	1	1	-	2	2
111	-	1	1	-	1	1	-	0	0	-	1	1
112	-	2	2	-	-	-	-	3	3	-	0	0
113	-	-	-	-	-	-	-	1	1	-	0	0
114	-	-	-	-	-	-	-	-	-	-	0	0
115	-	-	-	-	-	-	-	-	-	-	0	0
116	-	-	-	-	-	-	-	-	-	-	1	1
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	31	37	68	112	30	142	40	18	58	39	22	61

Appendix table 3 (cont'd)

Total length (cm)	Set no. 37			38			39			40		
	M	F	T	M	F	T	M	F	T	M	F	T
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	1	1	-	-	-
52	-	-	-	-	-	-	-	0	0	-	-	-
53	-	-	-	-	-	-	-	0	0	1	-	1
54	-	-	-	-	-	-	-	0	0	0	-	0
55	-	-	-	-	-	-	-	0	0	0	-	0
56	-	-	-	-	-	-	-	0	0	0	-	0
57	-	-	-	-	-	-	-	0	0	0	-	0
58	-	-	-	-	-	-	-	0	0	0	-	0
59	-	-	-	-	-	-	-	0	0	0	-	0
60	-	-	-	-	-	-	-	0	0	0	-	0
61	2	-	2	-	-	-	-	0	0	0	-	0
62	1	-	1	-	-	-	-	0	0	0	-	0
63	0	-	0	-	-	-	-	0	0	0	1	1
64	0	-	0	-	-	-	-	0	0	0	0	0
65	0	1	1	-	-	-	-	0	0	0	0	0
66	0	0	0	-	-	-	-	0	0	0	0	0
67	0	0	0	-	-	-	-	0	0	0	1	1
68	0	2	2	1	-	1	-	0	0	1	0	1
69	1	1	2	0	-	0	-	0	0	0	0	0
70	1	0	1	1	-	1	-	0	0	0	1	1
71	1	0	1	0	-	0	1	0	1	1	0	1
72	0	0	0	0	-	0	0	0	0	2	0	2
73	2	0	2	0	-	0	2	0	2	2	0	2
74	0	0	0	0	-	0	0	0	0	3	1	4
75	3	1	4	2	-	2	1	0	1	1	0	1
76	4	0	4	2	-	2	0	0	0	3	0	3
77	7	1	8	0	-	0	1	0	1	3	0	3
78	11	0	11	2	-	2	3	0	3	8	1	9
79	4	0	4	0	-	0	3	0	3	4	0	4
80	6	0	6	3	-	3	2	0	2	5	0	5
81	1	2	3	1	-	1	1	0	1	3	0	3
82	7	4	11	5	-	5	1	0	1	2	0	2
83	4	1	5	0	-	0	0	0	0	1	0	1
84	2	1	3	0	-	0	2	0	2	2	0	2
85	4	2	6	1	-	1	3	0	3	4	0	4
86	1	0	1	2	-	2	0	0	0	2	0	2
87	1	1	2	0	-	0	0	0	0	2	1	3
88	1	0	1	2	-	2	1	0	1	1	1	2
89	1	3	4	0	-	0	2	0	2	0	1	1

Appendix table 3 (cont'd)

Total length (cm)	Set no. 37 M	37 F	37 T	38 M	38 F	38 T	39 M	39 F	39 T	40 M	40 F	40 T
90	0	0	0	0	1	1	1	0	1	0	0	0
91	1	0	1	1	0	1	-	1	1	0	0	0
92	0	0	0	1	0	1	-	0	0	0	0	0
93	0	2	2	-	0	0	-	0	0	1	0	1
94	0	0	0	-	0	0	-	0	0	-	0	0
95	0	1	1	-	0	0	-	0	0	-	0	0
96	1	1	2	-	0	0	-	1	1	-	1	1
97	-	2	2	-	0	0	-	1	1	-	0	0
98	-	0	0	-	0	0	-	0	0	-	0	0
99	-	3	3	-	1	1	-	0	0	-	0	0
100	-	1	1	-	3	3	-	0	0	-	0	0
101	-	0	0	-	1	1	-	1	1	-	0	0
102	-	2	2	-	0	0	-	0	0	-	0	0
103	-	2	2	-	1	1	-	0	0	-	1	1
104	-	3	3	-	0	0	-	1	1	-	1	1
105	-	0	0	-	1	1	-	1	1	-	1	1
106	-	0	0	-	2	2	-	0	0	-	0	0
107	-	1	1	-	1	1	-	2	2	-	1	1
108	-	3	3	-	2	2	-	0	0	-	1	1
109	-	0	0	-	2	2	-	1	1	-	0	0
110	-	1	1	-	0	0	-	0	0	-	0	0
111	-	0	0	-	2	2	-	0	0	-	0	0
112	-	0	0	-	2	2	-	0	0	-	0	0
113	-	1	1	-	1	1	-	0	0	-	0	0
114	-	-	-	-	0	0	-	0	0	-	0	0
115	-	-	-	-	0	0	-	0	0	-	0	0
116	-	-	-	-	1	1	-	1	1	-	0	0
117	-	-	-	-	-	-	-	-	-	-	1	1
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	67	43	110	24	21	45	24	11	35	52	15	67

Appendix table 3 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
48	1	1	2	-	-	-	1	1	2
49	1	0	1	-	-	-	1	0	1
50	0	1	1	-	-	-	0	1	1
51	1	4	5	-	-	-	1	4	5
52	0	1	1	-	-	-	0	1	1
53	4	2	6	2	-	2	6	2	8
54	2	10	12	0	-	0	2	10	12
55	1	2	3	0	1	1	1	3	4
56	0	6	6	0	0	0	0	6	6
57	7	9	16	0	1	1	7	10	17
58	13	13	26	1	0	1	14	13	27
59	6	15	21	0	0	0	6	15	21
60	9	10	19	0	1	1	9	11	20
61	12	13	25	0	1	1	12	14	26
62	17	20	37	0	0	0	17	20	37
63	18	20	38	1	2	3	19	22	41
64	12	24	36	0	0	0	12	24	36
65	22	19	41	0	3	3	22	22	44
66	15	27	42	0	0	0	15	27	42
67	28	22	50	0	1	1	28	23	51
68	26	26	52	0	0	0	26	26	52
69	29	18	47	1	1	2	30	19	49
70	30	22	52	0	0	0	30	22	52
71	33	13	46	1	2	3	34	15	49
72	41	18	59	2	0	2	43	18	61
73	62	22	84	6	0	6	68	22	90
74	60	16	76	5	0	5	65	16	81
75	79	10	89	2	2	4	81	12	93
76	112	14	126	4	1	5	116	15	131
77	109	17	126	1	0	1	110	17	127
78	151	13	164	4	0	4	155	13	168
79	124	10	134	1	1	2	125	11	136
80	174	14	188	3	0	3	177	14	191
81	141	10	151	5	0	5	146	10	156
82	171	11	182	4	2	6	175	13	188
83	165	10	175	5	0	5	170	10	180
84	151	9	160	6	0	6	157	9	166
85	145	5	150	5	0	5	150	5	155
86	139	4	143	3	0	3	142	4	146
87	101	9	110	3	0	3	104	9	113
88	95	9	104	1	0	1	96	9	105
89	67	19	86	1	0	1	68	19	87

Appendix table 3 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
90	43	8	51	1	1	2	44	9	53
91	27	18	45	0	0	0	27	18	45
92	30	10	40	1	0	1	31	10	41
93	18	16	34	1	0	1	19	16	35
94	8	16	24	-	0	0	8	16	24
95	2	24	26	-	1	1	2	25	27
96	4	13	17	-	0	0	4	13	17
97	4	23	27	-	0	0	4	23	27
98	2	18	20	-	0	0	2	18	20
99	3	22	25	-	0	0	3	22	25
100	0	27	27	-	0	0	0	27	27
101	0	29	29	-	0	0	0	29	29
102	0	28	28	-	0	0	0	28	28
103	0	32	32	-	0	0	0	32	32
104	0	30	30	-	0	0	0	30	30
105	1	21	22	-	0	0	1	21	22
106	0	28	28	-	0	0	0	28	28
107	0	31	31	-	0	0	0	31	31
108	0	17	17	-	1	1	0	18	18
109	1	22	23	-	0	0	1	22	23
110	-	20	20	-	0	0	-	20	20
111	-	12	12	-	0	0	-	12	12
112	-	15	15	-	0	0	-	15	15
113	-	4	4	-	0	0	-	4	4
114	-	2	2	-	1	1	-	3	3
115	-	2	2	-	-	-	-	2	2
116	-	7	7	-	-	-	-	7	7
117	-	2	2	-	-	-	-	2	2
118	-	3	3	-	-	-	-	3	3
119	-	0	0	-	-	-	-	0	0
120	-	1	1	-	-	-	-	1	1
Total	2517	1019	3536	70	23	93	2587	1042	3629

Appendix table 4. Length frequency of tagged dogfish by set, R/V G.B. REED, June-July 1982.

Total length (cm)	Set no. 1			2			3			4		
	M	F	T	M	F	T	M	F	T	M	F	T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	3	-	3	-	-	-	-	-	-
62	-	-	-	2	-	2	-	-	-	-	-	-
63	-	-	-	1	-	1	-	-	-	-	-	-
64	-	-	-	1	-	1	-	-	-	-	-	-
65	2	-	2	0	1	1	-	-	-	-	-	-
66	0	-	0	0	1	1	-	-	-	-	-	-
67	0	1	1	0	1	1	-	-	-	-	-	-
68	0	0	0	2	1	3	-	-	-	-	-	-
69	0	1	1	3	1	4	-	-	-	-	-	-
70	1	4	5	1	1	2	-	-	-	1	-	1
71	0	0	0	2	1	3	-	1	1	0	1	1
72	1	0	1	1	0	1	-	0	0	0	0	0
73	0	1	1	6	2	8	1	0	1	1	1	2
74	0	2	2	5	0	5	1	1	2	1	0	1
75	0	2	2	10	0	10	1	1	2	1	1	2
76	4	4	8	15	2	17	2	0	2	3	1	4
77	8	2	10	13	1	14	2	0	2	1	0	1
78	3	4	7	10	1	11	5	0	5	9	0	9
79	7	4	11	21	1	22	10	0	10	5	0	5
80	8	2	10	14	0	14	7	0	7	7	1	8
81	13	5	18	28	0	28	9	2	11	6	0	6
82	11	5	16	27	1	28	9	0	9	9	1	10
83	15	3	18	23	0	23	12	0	12	5	2	7
84	13	4	17	26	1	27	6	0	6	4	0	4
85	17	3	20	16	0	16	10	0	10	8	1	9
86	15	9	24	18	2	20	6	0	6	4	-	4
87	11	5	16	15	-	15	10	0	10	6	-	6

Appendix table 4 (cont'd)

Total length (cm)	Set no. 1			2			3			4		
	M	F	T	M	F	T	M	F	T	M	F	T
88	9	4	13	12	-	12	4	0	4	4	-	4
89	17	2	19	11	-	11	1	1	2	2	-	2
90	16	7	23	3	-	3	3	-	3	2	-	2
91	8	3	11	1	-	1	1	-	1	1	-	1
92	2	3	5	1	-	1	-	-	-	-	-	-
93	0	1	1	1	-	1	-	-	-	-	-	-
94	0	2	2	0	-	0	-	-	-	-	-	-
95	1	1	2	0	-	0	-	-	-	-	-	-
96	0	3	3	0	-	0	-	-	-	-	-	-
97	1	5	6	0	-	0	-	-	-	-	-	-
98	-	4	4	0	-	0	-	-	-	-	-	-
99	-	1	1	0	-	0	-	-	-	-	-	-
100	-	2	2	0	-	0	-	-	-	-	-	-
101	-	0	0	0	-	0	-	-	-	-	-	-
102	-	2	2	0	-	0	-	-	-	-	-	-
103	-	0	0	0	-	0	-	-	-	-	-	-
104	-	0	0	0	-	0	-	-	-	-	-	-
105	-	0	0	0	-	0	-	-	-	-	-	-
106	-	0	0	0	-	0	-	-	-	-	-	-
107	-	0	0	0	-	0	-	-	-	-	-	-
108	-	0	0	0	-	0	-	-	-	-	-	-
109	-	0	0	0	-	0	-	-	-	-	-	-
110	-	1	1	1	-	1	-	-	-	-	-	-
111	-	1	1	-	-	-	-	-	-	-	-	-
112	-	0	0	-	-	-	-	-	-	-	-	-
113	-	0	0	-	-	-	-	-	-	-	-	-
114	-	1	1	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
Total	183	104	287	293	18	311	100	6	106	80	9	89

Appendix table 4 (cont'd)

Total length (cm)	Set no. 5			6			7			8		
	M	F	T	M	F	T	M	F	T	M	F	T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	1	1	-	-	-	-	1	1
63	-	-	-	-	-	0	-	-	-	-	0	0
64	-	-	-	-	-	0	-	-	-	-	0	0
65	-	-	-	-	-	0	-	-	-	-	0	0
66	-	-	-	-	-	0	-	-	-	-	0	0
67	-	-	-	-	-	0	-	-	-	-	0	0
68	-	-	-	-	-	0	-	-	-	1	0	1
69	-	-	-	-	-	0	-	-	-	0	0	0
70	-	-	-	-	-	0	-	-	-	0	0	0
71	-	-	-	-	-	0	-	-	-	0	0	0
72	-	-	-	1	-	1	1	-	1	0	1	1
73	-	1	1	0	-	0	0	-	0	0	0	0
74	2	0	2	0	-	0	0	-	0	1	0	1
75	2	1	3	1	-	1	0	-	0	1	0	1
76	2	0	2	0	-	0	0	-	0	1	0	1
77	5	0	5	2	-	2	0	-	0	3	0	3
78	0	0	0	1	-	1	0	-	0	2	0	2
79	4	0	4	0	-	0	0	-	0	4	0	4
80	6	0	6	1	-	1	2	-	2	5	0	5
81	3	0	3	2	-	2	1	-	1	4	0	4
82	4	0	4	3	-	3	1	-	1	8	0	8
83	2	1	3	1	-	1	2	-	2	7	0	7
84	2	-	2	4	-	4	3	-	3	6	0	6
85	3	-	3	1	-	1	1	-	1	7	0	7
86	5	-	5	0	-	0	3	-	3	1	0	1
87	0	-	0	0	-	0	1	-	1	3	0	3

Appendix table 4 (cont'd)

Total length (cm)	Set no. 5			6			7			8		
	M	F	T	M	F	T	M	F	T	M	F	T
88	3	-	3	0	-	0	-	-	-	0	0	0
89	1	-	1	0	-	0	-	-	-	1	0	1
90	1	-	1	0	-	0	-	-	-	-	0	0
91	-	-	-	1	-	1	-	-	-	-	0	0
92	-	-	-	-	-	-	-	-	-	-	0	0
93	-	-	-	-	-	-	-	-	-	-	0	0
94	-	-	-	-	-	-	-	-	-	-	0	0
95	-	-	-	-	-	-	-	-	-	-	0	0
96	-	-	-	-	-	-	-	-	-	-	0	0
97	-	-	-	-	-	-	-	-	-	-	0	0
98	-	-	-	-	-	-	-	-	-	-	0	0
99	-	-	-	-	-	-	-	-	-	-	0	0
100	-	-	-	-	-	-	-	-	-	-	1	1
101	-	-	-	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
Total	45	3	48	18	1	19	15	0	15	55	3	58

Appendix table 4 (cont'd)

Total length (cm)	Set no. 9 M	9 F	9 T	10 M	10 F	10 T	11 M	11 F	11 T	12 M	12 F	12 T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	1	-	1	-	-	-
59	-	-	-	-	-	-	0	-	0	-	-	-
60	-	-	-	-	-	-	0	-	0	-	-	-
61	-	-	-	-	-	-	0	-	0	-	-	-
62	-	-	-	-	-	-	0	-	0	-	-	-
63	-	-	-	-	-	-	0	-	0	-	-	-
64	-	-	-	-	-	-	0	-	0	-	-	-
65	-	-	-	-	-	-	1	-	1	-	-	-
66	-	-	-	1	-	1	0	-	0	-	-	-
67	-	-	-	0	-	0	1	-	1	-	-	-
68	-	-	-	0	-	0	0	-	0	-	-	-
69	1	-	1	1	-	1	1	-	1	1	-	1
70	0	-	0	3	-	3	0	-	0	1	-	1
71	1	-	1	3	-	3	0	-	0	0	-	0
72	1	-	1	2	1	3	1	1	2	0	2	2
73	0	-	0	2	1	3	1	0	1	0	-	0
74	3	-	3	2	0	2	3	0	3	2	-	2
75	1	-	1	3	2	5	3	0	3	3	-	3
76	0	-	0	3	0	3	4	0	4	3	-	3
77	3	-	3	7	1	8	5	2	7	2	-	2
78	0	-	0	14	0	14	6	0	6	2	-	2
79	2	1	3	14	1	15	7	0	7	4	-	4
80	4	0	4	11	0	11	10	0	10	3	-	3
81	5	0	5	3	0	3	15	0	15	10	-	10
82	1	0	1	4	1	5	12	0	12	4	-	4
83	5	0	5	7	0	7	15	1	16	7	-	7
84	3	0	3	5	0	5	18	2	20	10	-	10
85	4	0	4	5	0	5	12	0	12	3	-	3
86	1	0	1	6	0	6	9	0	9	4	-	4
87	0	0	0	3	0	3	8	1	9	2	-	2

Appendix table 4 (cont'd)

Total length (cm)	Set no. 9			10			11			12		
	M	F	T	M	F	T	M	F	T	M	F	T
88	2	0	2	4	0	4	4	0	4	2	-	2
89	-	0	0	4	0	4	6	0	6	2	-	2
90	-	1	1	-	0	0	1	0	1	2	-	2
91	-	0	0	-	0	0	0	0	0	-	-	-
92	-	0	0	-	0	0	2	0	2	-	-	-
93	-	0	0	-	0	0	1	0	1	-	-	-
94	-	0	0	-	0	0	-	0	0	-	-	-
95	-	0	0	-	0	0	-	1	1	-	-	-
96	-	0	0	-	1	1	-	0	0	-	-	-
97	-	0	0	-	0	0	-	0	0	-	-	-
98	-	0	0	-	0	0	-	0	0	-	-	-
99	-	1	1	-	0	0	-	0	0	-	-	-
100	-	-	-	-	0	0	-	1	1	-	-	-
101	-	-	-	-	0	0	-	-	-	-	-	-
102	-	-	-	-	0	0	-	-	-	-	-	-
103	-	-	-	-	0	0	-	-	-	-	-	-
104	-	-	-	-	0	0	-	-	-	-	-	-
105	-	-	-	-	0	0	-	-	-	-	-	-
106	-	-	-	-	0	0	-	-	-	-	-	-
107	-	-	-	-	0	0	-	-	-	-	-	-
108	-	-	-	-	1	1	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
Total	37	3	40	107	9	116	147	9	156	67	2	69

Appendix table 4 (cont'd)

Total length (cm)	Set no. 13			14			15			17		
	M	F	T	M	F	T	M	F	T	M	F	T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	1	1	-	-	-
65	-	-	-	-	-	-	-	0	0	-	-	-
66	1	-	1	-	-	-	-	0	0	1	-	1
67	0	-	0	-	-	-	1	0	1	0	-	0
68	0	-	0	-	-	-	1	0	1	0	-	0
69	0	-	0	-	-	-	0	0	0	0	-	0
70	1	1	2	-	-	-	0	0	0	0	-	0
71	1	0	1	-	-	-	1	0	1	0	-	0
72	1	1	2	-	-	-	2	2	4	0	-	0
73	1	0	1	1	-	1	2	0	2	1	-	1
74	0	2	2	0	-	0	1	0	1	0	-	0
75	1	0	1	0	-	0	2	0	2	0	-	0
76	2	0	2	1	-	1	2	0	2	0	-	0
77	4	0	4	2	-	2	3	0	3	0	-	0
78	13	0	13	0	-	0	2	0	2	4	-	4
79	6	0	6	1	1	2	6	0	6	1	-	1
80	11	1	12	3	0	3	4	0	4	0	-	0
81	19	1	20	0	0	0	9	0	9	0	-	0
82	6	1	7	0	0	0	9	0	9	1	-	1
83	7	0	7	4	0	4	6	0	6	1	-	1
84	11	1	12	4	0	4	9	0	9	1	-	1
85	5	1	6	3	0	3	3	0	3	0	-	0
86	7	1	8	4	0	4	0	0	0	1	-	1
87	3	-	3	0	0	0	2	1	3	-	-	-

Appendix table 4 (cont'd)

Total length (cm)	Set no. 13 M	13 F	13 T	14 M	14 F	14 T	15 M	15 F	15 T	17 M	17 F	17 T
88	4	-	4	2	0	2	6	-	6	-	-	-
89	0	-	0	0	0	0	1	-	1	-	-	-
90	0	-	0	1	0	1	1	-	1	-	-	-
91	2	-	2	0	0	0	0	-	0	-	-	-
92	0	-	0	1	0	1	0	-	0	-	-	-
93	0	-	0	-	0	0	1	-	1	-	-	-
94	1	-	1	-	0	0	-	-	-	-	-	-
95	-	-	-	-	0	0	-	-	-	-	-	-
96	-	-	-	-	0	0	-	-	-	-	-	-
97	-	-	-	-	0	0	-	-	-	-	-	-
98	-	-	-	-	1	1	-	-	-	-	-	-
99	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-
101	-	-	-	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
Total	107	10	117	27	2	29	74	4	78	11	0	11

Appendix table 4 (cont'd)

Total length (cm)	Set no. 18			19			20			21		
	M	F	T	M	F	T	M	F	T	M	F	T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	1	1
56	-	-	-	-	-	-	-	-	-	-	0	0
57	-	-	-	-	-	-	-	-	-	1	0	1
58	-	-	-	-	-	-	-	-	-	1	2	3
59	-	-	-	-	-	-	-	-	-	0	1	1
60	-	-	-	-	-	-	-	-	-	0	1	1
61	-	-	-	-	-	-	-	-	-	2	0	2
62	-	-	-	-	-	-	-	-	-	0	2	2
63	-	-	-	-	-	-	-	-	-	0	0	0
64	-	-	-	-	-	-	-	-	-	1	0	1
65	-	-	-	-	-	-	-	-	-	0	1	1
66	-	1	1	-	-	-	-	-	-	1	2	3
67	-	0	0	1	-	1	-	1	1	0	1	1
68	-	0	0	0	-	0	1	0	1	0	0	0
69	-	0	0	0	-	0	1	0	1	0	0	0
70	1	0	1	0	-	0	1	1	2	2	0	2
71	0	0	0	0	-	0	0	0	0	0	0	0
72	2	0	2	1	-	1	0	0	0	0	2	2
73	2	0	2	0	-	0	1	1	2	0	1	1
74	4	0	4	0	1	1	0	0	0	2	0	2
75	0	0	0	1	0	1	2	0	2	1	2	3
76	2	1	3	1	0	1	1	0	1	3	0	3
77	2	0	2	1	1	2	2	0	2	3	0	3
78	9	1	10	2	0	2	3	0	3	0	2	2
79	3	1	4	2	1	3	1	0	1	4	1	5
80	5	0	5	0	1	1	3	1	4	3	0	3
81	7	1	8	1	0	1	4	0	4	3	1	4
82	7	0	7	5	0	5	3	0	3	5	0	5
83	5	2	7	2	0	2	5	0	5	7	0	7
84	8	2	10	0	0	0	7	0	7	2	0	2
85	5	0	5	1	0	1	3	0	3	4	1	5
86	5	1	6	3	1	4	3	0	3	6	0	6
87	1	0	1	0	-	0	2	0	2	3	1	4

Appendix table 4 (cont'd)

Total length (cm)	Set no. 18 M	18 F	18 T	19 M	19 F	19 T	20 M	20 F	20 T	21 M	21 F	21 T
88	6	1	7	0	-	0	1	0	1	4	0	4
89	1	1	2	0	-	0	2	0	2	5	0	5
90	2	0	2	0	-	0	4	1	5	1	1	2
91	0	0	0	1	-	1	0	-	0	1	1	2
92	4	0	4	-	-	-	0	-	0	0	0	0
93	-	1	1	-	-	-	2	-	2	0	0	0
94	-	-	-	-	-	-	-	-	-	1	0	1
95	-	-	-	-	-	-	-	-	-	-	0	0
96	-	-	-	-	-	-	-	-	-	-	0	0
97	-	-	-	-	-	-	-	-	-	-	0	0
98	-	-	-	-	-	-	-	-	-	-	0	0
99	-	-	-	-	-	-	-	-	-	-	1	1
100	-	-	-	-	-	-	-	-	-	-	1	1
101	-	-	-	-	-	-	-	-	-	-	0	0
102	-	-	-	-	-	-	-	-	-	-	0	0
103	-	-	-	-	-	-	-	-	-	-	1	1
104	-	-	-	-	-	-	-	-	-	-	0	0
105	-	-	-	-	-	-	-	-	-	-	0	0
106	-	-	-	-	-	-	-	-	-	-	1	1
107	-	-	-	-	-	-	-	-	-	-	0	0
108	-	-	-	-	-	-	-	-	-	-	0	0
109	-	-	-	-	-	-	-	-	-	-	1	1
110	-	-	-	-	-	-	-	-	-	-	0	0
111	-	-	-	-	-	-	-	-	-	-	1	1
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
Total	81	13	94	22	5	27	52	5	57	66	30	96

Appendix table 4 (cont'd)

Total length (cm)	Set no. 22 M	22 F	22 T	24 M	24 F	24 T	26 M	26 F	26 T	27 M	27 F	27 T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	1	-	1
55	-	-	-	-	-	-	-	-	-	0	-	0
56	-	-	-	-	-	-	-	-	-	0	1	1
57	-	-	-	1	-	1	-	-	-	0	0	0
58	-	1	1	0	-	0	-	-	-	0	0	0
59	-	2	2	1	-	1	-	-	-	0	0	0
60	-	0	0	0	-	0	-	-	-	0	0	0
61	-	0	0	0	-	0	-	1	1	0	0	0
62	-	0	0	0	-	0	-	0	0	0	0	0
63	-	0	0	0	1	1	1	0	1	0	0	0
64	-	0	0	0	0	0	0	0	0	0	0	0
65	-	0	0	0	0	0	0	0	0	0	0	0
66	-	0	0	0	0	0	0	0	0	1	0	1
67	-	0	0	0	1	1	0	0	0	0	0	0
68	-	1	1	0	1	1	0	0	0	0	0	0
69	-	0	0	0	0	0	0	0	0	0	0	0
70	1	0	1	0	0	0	0	1	1	0	0	0
71	0	0	0	0	2	2	0	0	0	0	1	1
72	1	0	1	1	1	2	2	0	2	0	0	0
73	0	1	1	0	0	0	1	0	1	2	0	2
74	0	0	0	3	1	4	2	0	2	2	0	2
75	1	0	1	8	1	9	2	1	3	0	1	1
76	0	0	0	5	1	6	5	0	5	1	0	1
77	1	0	1	11	1	12	4	1	5	1	0	1
78	0	0	0	4	2	6	3	1	4	2	0	2
79	2	0	2	11	2	13	15	2	17	2	0	2
80	4	0	4	16	2	18	8	0	8	3	0	3
81	5	2	7	6	3	9	26	0	26	5	0	5
82	1	0	1	20	0	20	21	0	21	1	0	1
83	1	0	1	11	1	12	24	1	25	1	0	1
84	1	1	2	14	1	15	28	0	28	4	0	4
85	3	0	3	14	1	15	35	0	35	4	0	4
86	4	0	4	10	1	11	19	0	19	3	0	3
87	9	0	9									

Appendix table 4 (cont'd)

Total length (cm)	Set no. 22 M	22 F	22 T	24 M	24 F	24 T	26 M	26 F	26 T	27 M	27 F	27 T
88	0	0	0	12	3	15	23	0	23	5	0	5
89	1	1	2	8	5	13	23	0	23	2	0	2
90	2	1	3	4	0	4	11	0	11	4	0	4
91	3	1	4	7	1	8	15	0	15	0	0	0
92	1	2	3	4	0	4	4	1	5	2	0	2
93	1	0	1	1	3	4	4	0	4	2	0	2
94	2	1	3	0	1	1	0	0	0	-	0	0
95	1	0	1	2	1	3	3	1	4	-	0	0
96	-	0	0	0	0	0	2	0	2	-	0	0
97	-	0	0	0	1	1	1	0	1	-	1	1
98	-	0	0	0	0	0	1	0	1	-	-	-
99	-	0	0	1	0	1	-	0	0	-	-	-
100	-	0	0	-	0	0	-	0	0	-	-	-
101	-	2	2	-	2	2	-	1	1	-	-	-
102	-	0	0	-	0	0	-	0	0	-	-	-
103	-	0	0	-	0	0	-	1	1	-	-	-
104	-	1	1	-	0	0	-	0	0	-	-	-
105	-	0	0	-	1	1	-	0	0	-	-	-
106	-	1	1	-	2	2	-	0	0	-	-	-
107	-	0	0	-	0	0	-	2	2	-	-	-
108	-	0	0	-	0	0	-	0	0	-	-	-
109	-	0	0	-	1	1	-	0	0	-	-	-
110	-	0	0	-	1	1	-	0	0	-	-	-
111	-	0	0	-	0	0	-	0	0	-	-	-
112	-	1	1	-	0	0	-	1	1	-	-	-
113	-	0	0	-	1	1	-	-	-	-	-	-
114	-	0	0	-	-	-	-	-	-	-	-	-
115	-	0	0	-	-	-	-	-	-	-	-	-
116	-	0	0	-	-	-	-	-	-	-	-	-
117	-	0	0	-	-	-	-	-	-	-	-	-
118	-	1	1	-	-	-	-	-	-	-	-	-
Total	45	20	65	175	46	221	283	15	298	48	4	52

Appendix table 4 (cont'd)

Total length (cm)	Set no. 28			30			31			32		
	M	F	T	M	F	T	M	F	T	M	F	T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	1	1	-	-	-
57	-	-	-	-	-	-	-	0	0	-	-	-
58	-	-	-	-	-	-	-	0	0	-	-	-
59	-	-	-	-	-	-	-	0	0	-	-	-
60	-	-	-	-	-	-	-	0	0	-	-	-
61	-	-	-	-	-	-	-	0	0	-	-	-
62	-	-	-	-	-	-	-	0	0	-	-	-
63	-	-	-	-	-	-	-	0	0	-	-	-
64	-	-	-	-	-	-	-	1	1	-	-	-
65	-	-	-	-	-	-	-	0	0	-	-	-
66	-	-	-	-	-	-	-	0	0	-	-	-
67	-	-	-	-	-	-	1	1	2	-	-	-
68	-	-	-	-	-	-	0	1	1	-	-	-
69	-	-	-	-	-	-	0	1	1	-	1	1
70	-	-	-	-	-	-	0	0	0	-	2	2
71	1	-	1	-	-	-	1	0	1	-	3	3
72	0	-	0	1	-	1	0	0	0	3	1	4
73	1	-	1	1	-	1	0	0	0	6	1	7
74	1	1	2	0	-	0	0	1	1	9	4	13
75	3	0	3	0	1	1	0	-	0	6	7	13
76	4	0	4	0	0	0	0	-	0	11	2	13
77	1	0	1	2	0	2	0	-	0	16	3	19
78	4	0	4	0	0	0	2	-	2	16	4	20
79	8	0	8	2	0	2	2	-	2	17	6	23
80	9	1	10	0	0	0	2	-	2	22	2	24
81	15	0	15	2	0	2	2	-	2	24	3	27
82	16	0	16	0	0	0	1	-	1	21	3	24
83	18	0	18	1	0	1	4	-	4	28	8	36
84	18	1	19	0	0	0	3	-	3	29	6	35
85	23	0	23	0	0	0	2	-	2	22	7	29
86	25	1	26	0	1	1	4	-	4	15	8	23
87	24	0	24	2	0	2	0	-	0	12	5	17

Appendix table 4 (cont'd)

Total length (cm)	Set no. 28 M	28 F	28 T	30 M	30 F	30 T	31 M	31 F	31 T	32 M	32 F	32 T
88	15	0	15	0	0	0	0	-	0	12	4	16
89	11	0	11	0	0	0	2	-	2	9	2	11
90	8	1	9	1	0	1	0	-	0	4	6	10
91	8	1	9	-	1	1	1	-	1	6	5	11
92	5	0	5	-	-	-	-	-	-	2	1	3
93	3	1	4	-	-	-	-	-	-	1	3	4
94	4	1	5	-	-	-	-	-	-	-	3	3
95	4	2	6	-	-	-	-	-	-	-	3	3
96	0	0	0	-	-	-	-	-	-	-	1	1
97	0	0	0	-	-	-	-	-	-	-	3	3
98	1	0	1	-	-	-	-	-	-	-	4	4
99	-	1	1	-	-	-	-	-	-	-	1	1
100	-	0	0	-	-	-	-	-	-	-	4	4
101	-	1	1	-	-	-	-	-	-	-	0	0
102	-	0	0	-	-	-	-	-	-	-	2	2
103	-	1	1	-	-	-	-	-	-	-	2	2
104	-	0	0	-	-	-	-	-	-	-	0	0
105	-	2	2	-	-	-	-	-	-	-	0	0
106	-	0	0	-	-	-	-	-	-	-	2	2
107	-	1	1	-	-	-	-	-	-	-	0	0
108	-	0	0	-	-	-	-	-	-	-	1	1
109	-	0	0	-	-	-	-	-	-	-	0	0
110	-	1	1	-	-	-	-	-	-	-	0	0
111	-	0	0	-	-	-	-	-	-	-	0	0
112	-	0	0	-	-	-	-	-	-	-	0	0
113	-	1	1	-	-	-	-	-	-	-	0	0
114	-	0	0	-	-	-	-	-	-	-	0	0
115	-	0	0	-	-	-	-	-	-	-	0	0
116	-	0	0	-	-	-	-	-	-	-	0	0
117	-	0	0	-	-	-	-	-	-	-	0	0
118	-	1	1	-	-	-	-	-	-	-	1	1
Total	230	19	249	12	3	15	27	6	33	291	124	415

Appendix table 4 (cont'd)

Total length (cm)	Set no. 33 M	33 F	33 T	34 M	34 F	34 T	36 M	36 F	36 T	37 M	37 F	37 T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	1	-	1
71	-	-	-	-	-	-	-	-	-	0	-	0
72	-	-	-	-	-	-	-	-	-	0	-	0
73	-	-	-	-	-	-	1	-	1	0	-	0
74	-	-	-	1	-	1	0	-	0	0	-	0
75	-	-	-	0	-	0	0	-	0	0	-	0
76	-	-	-	0	-	0	0	-	0	0	-	0
77	-	-	-	0	-	0	2	1	3	0	-	0
78	-	-	-	0	-	0	0	0	0	0	-	0
79	-	-	-	0	-	0	1	0	1	0	-	0
80	-	-	-	0	-	0	2	0	2	3	-	3
81	-	-	-	1	-	1	2	0	2	0	-	0
82	-	-	-	0	-	0	0	1	1	0	-	0
83	-	-	-	2	1	3	1	0	1	0	-	0
84	-	-	-	1	0	1	1	0	1	0	-	0
85	-	-	-	3	0	3	1	1	2	1	-	1
86	-	-	-	0	0	0	-	0	0	1	-	1
87	-	-	-	1	0	1	-	1	1	0	-	0

Appendix table 4 (cont'd)

Total length (cm)	Set no. 33 M	33 F	33 T	34 M	34 F	34 T	36 M	36 F	36 T	37 M	37 F	37 T
88	-	-	-	1	0	1	-	0	0	0	-	0
89	-	-	-	0	0	0	-	0	0	0	-	0
90	-	-	-	0	0	0	-	2	2	1	-	1
91	-	-	-	1	0	1	-	-	-	-	-	-
92	-	-	-	0	1	1	-	-	-	-	-	-
93	-	-	-	1	0	1	-	-	-	-	-	-
94	-	-	-	-	0	0	-	-	-	-	-	-
95	-	-	-	-	0	0	-	-	-	-	-	-
96	-	-	-	-	0	0	-	-	-	-	-	-
97	-	-	-	-	0	0	-	-	-	-	-	-
98	-	-	-	-	0	0	-	-	-	-	-	-
99	-	2	2	-	1	1	-	-	-	-	-	-
100	-	0	0	-	0	0	-	-	-	-	-	-
101	-	1	1	-	0	0	-	-	-	-	-	-
102	-	-	-	-	0	0	-	-	-	-	-	-
103	-	-	-	-	0	0	-	-	-	-	-	-
104	-	-	-	-	0	0	-	-	-	-	-	-
105	-	-	-	-	0	0	-	-	-	-	-	-
106	-	-	-	-	0	0	-	-	-	-	-	-
107	-	-	-	-	0	0	-	-	-	-	-	-
108	-	-	-	-	0	0	-	-	-	-	-	-
109	-	-	-	-	1	1	-	-	-	-	-	-
110	-	-	-	-	0	0	-	-	-	-	-	-
111	-	-	-	-	0	0	-	-	-	-	-	-
112	-	-	-	-	0	0	-	-	-	-	-	-
113	-	-	-	-	0	0	-	-	-	-	-	-
114	-	-	-	-	0	0	-	-	-	-	-	-
115	-	-	-	-	0	0	-	-	-	-	-	-
116	-	-	-	-	0	0	-	-	-	-	-	-
117	-	-	-	-	0	0	-	-	-	-	-	-
118	-	-	-	-	1	1	-	-	-	-	-	-
Total	0	3	3	12	5	17	11	6	17	7	0	7

Appendix table 4 (cont'd)

Total length (cm)	Set no. 38			39			40			41		
	M	F	T	M	F	T	M	F	T	M	F	T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	1	1
60	-	-	-	1	-	1	-	-	-	-	0	0
61	-	-	-	0	-	0	-	-	-	-	0	0
62	-	-	-	0	-	0	-	-	-	-	0	0
63	-	-	-	0	-	0	-	-	-	-	0	0
64	-	-	-	0	-	0	-	-	-	-	0	0
65	-	-	-	0	-	0	-	-	-	-	0	0
66	-	-	-	0	-	0	-	-	-	-	0	0
67	-	-	-	0	-	0	-	-	-	1	0	1
68	-	1	1	0	-	0	-	-	-	0	0	0
69	1	0	1	1	-	1	-	-	-	0	0	0
70	0	0	0	1	-	1	-	-	-	0	0	0
71	0	1	1	1	-	1	-	-	-	0	0	0
72	0	0	0	1	-	1	2	-	2	0	0	0
73	0	0	0	1	-	1	2	-	2	0	1	1
74	1	0	1	2	2	4	4	3	7	2	1	3
75	4	0	4	4	1	5	9	1	10	3	2	5
76	5	2	7	6	0	6	9	1	10	3	1	4
77	3	0	3	5	4	9	6	1	7	6	1	7
78	6	0	6	6	1	7	12	0	12	7	1	8
79	3	1	4	15	2	17	7	2	9	3	1	4
80	10	1	11	12	3	15	24	3	27	5	0	5
81	3	0	3	9	3	12	17	1	18	5	1	6
82	6	1	7	16	1	17	18	1	19	10	1	11
83	10	1	11	11	1	12	15	0	15	7	1	8
84	9	2	11	10	0	10	13	1	14	4	1	5
85	10	2	12	12	2	14	6	1	7	6	0	6
86	6	0	6	6	5	11	15	1	16	3	0	3
87	2	2	4	9	7	16	9	0	9	2	0	2

Appendix Table 4 (cont'd)

Total length (cm)	Set no. 38			39			40			41		
	M	F	T	M	F	T	M	F	T	M	F	T
88	4	0	4	3	2	5	5	2	7	1	3	4
89	1	0	1	5	1	6	5	0	5	1	0	1
90	1	0	1	2	3	5	1	1	2	5	0	5
91	1	0	1	1	0	1	0	1	1	-	0	0
92	1	0	1	0	1	1	2	0	2	-	0	0
93	-	2	2	0	0	0	-	0	0	-	0	0
94	-	0	0	1	2	3	-	1	1	-	0	0
95	-	0	0	-	1	1	-	0	0	-	0	0
96	-	0	0	-	0	0	-	0	0	-	1	1
97	-	0	0	-	2	2	-	0	0	-	2	2
98	-	1	1	-	3	3	-	1	1	-	0	0
99	-	0	0	-	0	0	-	0	0	-	0	0
100	-	0	0	-	0	0	-	1	1	-	0	0
101	-	1	1	-	2	2	-	0	0	-	2	2
102	-	0	0	-	1	1	-	0	0	-	-	-
103	-	0	0	-	1	1	-	1	1	-	-	-
104	-	1	1	-	1	1	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
Total	87	19	106	141	52	193	181	24	205	74	21	95

Appendix table 4 (cont'd)

Total length (cm)	Set no. 42			43			44			45		
	M	F	T	M	F	T	M	F	T	M	F	T
45	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	1	-	1	-	-	-	-	-	-
65	1	-	1	0	-	0	-	-	-	-	-	-
66	0	-	0	0	-	0	-	1	1	-	-	-
67	0	1	1	0	1	1	-	0	0	-	-	-
68	0	0	0	0	0	0	-	0	0	-	-	-
69	0	0	0	0	1	1	-	0	0	-	-	-
70	0	1	1	0	0	0	-	0	0	-	-	-
71	1	0	1	0	0	0	-	0	0	-	-	-
72	0	0	0	1	0	1	-	0	0	-	-	-
73	1	0	1	0	1	1	-	0	0	-	-	-
74	2	1	3	0	1	1	-	0	0	-	-	-
75	0	0	0	0	0	0	1	0	1	-	-	-
76	1	0	1	1	0	1	2	0	2	-	-	-
77	2	3	5	1	0	1	2	0	2	-	-	-
78	1	0	1	3	0	3	5	1	6	-	1	1
79	6	0	6	0	0	0	2	-	2	-	0	0
80	2	1	3	0	0	0	4	-	4	-	0	0
81	3	0	3	2	0	2	5	-	5	-	0	0
82	2	0	2	2	1	3	3	-	3	-	0	0
83	3	2	5	1	0	1	3	-	3	-	0	0
84	0	0	0	2	1	3	2	-	2	-	0	0
85	0	0	0	1	0	1	0	-	0	-	0	0
86	3	0	3	0	0	0	2	-	2	-	0	0
87	2	0	2	1	0	1	1	-	1	-	0	0

Appendix table 4 (cont'd)

Total length (cm)	Set no. 42 M	42 F	42 T	43 M	43 F	43 T	44 M	44 F	44 T	45 M	45 F	45 T
88	0	1	1	0	0	0	0	-	0	-	0	0
89	0	0	0	1	0	1	0	-	0	-	1	1
90	0	1	1	1	1	2	0	-	0	-	1	1
91	1	2	3	-	0	0	2	-	2	-	-	-
92	-	0	0	-	0	0	-	-	-	-	-	-
93	-	0	0	-	0	0	-	-	-	-	-	-
94	-	0	0	-	0	0	-	-	-	-	-	-
95	-	1	1	-	0	0	-	-	-	-	-	-
96	-	0	0	-	1	1	-	-	-	-	-	-
97	-	0	0	-	-	-	-	-	-	-	-	-
98	-	0	0	-	-	-	-	-	-	-	-	-
99	-	0	0	-	-	-	-	-	-	-	-	-
100	-	1	1	-	-	-	-	-	-	-	-	-
101	-	0	0	-	-	-	-	-	-	-	-	-
102	-	0	0	-	-	-	-	-	-	-	-	-
103	-	0	0	-	-	-	-	-	-	-	-	-
104	-	0	0	-	-	-	-	-	-	-	-	-
105	-	0	0	-	-	-	-	-	-	-	-	-
106	-	1	1	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
Total	31	16	47	18	8	26	34	2	36	0	3	3

Appendix table 4 (cont'd)

Total length (cm)	Set no. 46 M	46 F	46 T	47 M	47 F	47 T	49 M	49 F	49 T
45	-	-	-	-	1	1	-	-	-
46	-	-	-	-	0	0	-	-	-
47	-	-	-	-	0	0	-	-	-
48	-	-	-	-	0	0	-	-	-
49	-	-	-	-	0	0	-	-	-
50	-	-	-	-	0	0	-	-	-
51	-	-	-	-	0	0	-	-	-
52	-	-	-	-	0	0	-	-	-
53	-	-	-	-	0	0	-	-	-
54	-	-	-	-	0	0	-	-	-
55	-	-	-	-	0	0	-	-	-
56	-	-	-	-	0	0	-	1	1
57	-	-	-	-	1	1	-	0	0
58	-	-	-	-	0	0	-	0	0
59	-	-	-	-	0	0	-	0	0
60	-	-	-	-	1	1	-	0	0
61	-	-	-	-	1	1	-	0	0
62	-	-	-	-	0	0	-	0	0
63	-	-	-	-	0	0	-	0	0
64	-	-	-	-	1	1	-	0	0
65	-	-	-	-	0	0	-	0	0
66	-	-	-	-	1	1	-	0	0
67	1	-	1	-	0	0	-	0	0
68	0	-	0	-	1	1	-	0	0
69	0	1	1	-	1	1	-	0	0
70	0	0	0	-	2	2	-	0	0
71	0	0	0	-	0	0	-	0	0
72	0	0	0	-	0	0	-	0	0
73	0	0	0	1	1	2	-	0	0
74	0	0	0	0	2	2	-	0	0
75	1	0	1	0	0	0	-	1	1
76	0	0	0	0	1	1	-	-	0
77	1	0	1	1	-	1	-	-	0
78	0	1	1	1	-	1	-	-	0
79	0	0	0	2	-	2	-	-	0
80	0	0	0	1	-	1	-	-	0
81	1	2	3	0	-	0	1	-	1
82	-	-	-	1	-	1	0	-	0
83	-	-	-	3	-	3	0	-	0
84	-	-	-	0	-	0	0	-	0
85	-	-	-	2	-	2	0	-	0
86	-	-	-	-	-	-	1	-	1
87	-	-	-	-	-	-	-	-	-

Appendix table 4 (cont'd)

Total length (cm)	Set no. 46 M	46 F	46 T	47 M	47 F	47 T	49 M	49 F	49 T
88	-	-	-	-	-	-	-	-	-
89	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-
91	-	-	-	-	-	-	-	-	-
92	-	-	-	-	-	-	-	-	-
93	-	-	-	-	-	-	-	-	-
94	-	-	-	-	-	-	-	-	-
95	-	-	-	-	-	-	-	-	-
96	-	-	-	-	-	-	-	-	-
97	-	-	-	-	-	-	-	-	-
98	-	-	-	-	-	-	-	-	-
99	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
101	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-
Total	4	4	8	12	14	26	2	2	4

Appendix table 4 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
32	-	-	-	1	-	1	1	-	1
33	-	-	-	0	-	0	0	-	0
34	-	-	-	0	-	0	0	-	0
35	-	-	-	0	-	0	0	-	0
36	-	-	-	0	-	0	0	-	0
37	-	-	-	0	1	1	0	1	1
38	-	-	-	0	0	0	0	0	0
39	-	-	-	1	0	1	1	0	1
40	-	-	-	0	0	0	0	0	0
41	-	-	-	0	0	0	0	0	0
42	-	-	-	0	0	0	0	0	0
43	-	-	-	0	0	0	0	0	0
44	-	-	-	0	0	0	0	0	0
45	-	1	1	0	0	0	0	1	1
46	-	0	0	0	0	0	0	0	0
47	-	0	0	0	0	0	0	0	0
48	-	0	0	1	0	1	1	0	1
49	-	0	0	0	0	0	0	0	0
50	-	0	0	1	0	1	1	0	1
51	-	0	0	0	0	0	0	0	0
52	-	0	0	0	0	0	0	0	0
53	-	0	0	0	0	0	0	0	0
54	-	0	0	1	0	1	1	0	1
55	1	1	2	0	0	0	1	1	2
56	0	2	2	0	0	0	0	2	2
57	2	2	4	0	0	0	2	2	4
58	2	3	5	0	0	0	2	3	5
59	1	4	5	0	1	1	1	5	6
60	1	2	3	0	0	0	1	2	3
61	5	1	6	0	0	0	5	1	6
62	2	5	7	0	0	0	2	5	7
63	1	0	1	0	0	0	1	0	1
64	4	4	8	0	2	2	4	6	10
65	4	2	6	1	0	1	5	2	7
66	4	6	10	0	0	0	4	6	10
67	7	7	14	0	1	1	7	8	15
68	5	6	11	0	0	0	5	6	11
69	10	8	18	0	0	0	10	8	18
70	15	12	27	0	0	0	15	12	27
71	12	8	20	1	0	1	13	8	21
72	23	14	37	1	1	2	24	15	39
73	36	14	50	2	0	2	38	14	52
74	52	22	74	1	0	1	53	22	75
75	72	23	95	7	0	7	79	23	102

Appendix table 4 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
76	101	18	119	13	0	13	114	18	132
77	128	21	149	9	1	10	137	22	159
78	164	19	183	11	0	11	175	19	194
79	181	26	207	15	0	15	196	26	222
80	235	21	256	13	1	14	248	22	270
81	266	24	290	17	1	18	283	25	308
82	263	21	284	14	0	14	277	21	298
83	288	23	311	15	0	15	303	23	326
84	271	25	296	14	0	14	285	25	310
85	249	20	269	22	1	23	271	21	292
86	239	31	270	11	0	11	250	31	281
87	176	24	200	13	1	14	189	25	214
88	148	20	168	5	0	5	153	20	173
89	123	14	137	8	0	8	131	14	145
90	82	27	109	5	1	6	87	28	115
91	62	16	78	0	1	1	62	17	79
92	31	9	40	2	0	2	33	9	42
93	18	11	29	0	1	1	18	12	30
94	9	11	20	1	1	2	10	12	22
95	11	11	22	-	0	0	11	11	22
96	2	7	9	-	0	0	2	7	9
97	2	14	16	-	0	0	2	14	16
98	2	14	16	-	0	0	2	14	16
99	1	8	9	-	0	0	1	8	9
100	0	11	11	-	0	0	0	11	11
101	0	12	12	-	1	1	0	13	13
102	0	5	5	-	-	-	0	5	5
103	0	7	7	-	-	-	0	7	7
104	0	3	3	-	-	-	0	3	3
105	0	3	3	-	-	-	0	3	3
106	0	7	7	-	-	-	0	7	7
107	0	3	3	-	-	-	0	3	3
108	0	2	2	-	-	-	0	2	2
109	0	3	3	-	-	-	0	3	3
110	1	3	4	-	-	-	1	3	4
111	-	2	2	-	-	-	-	2	2
112	-	2	2	-	-	-	-	2	2
113	-	2	2	-	-	-	-	2	2
114	-	1	1	-	-	-	-	1	1
115	-	0	0	-	-	-	-	0	0
116	-	0	0	-	-	-	-	0	0
117	-	0	0	-	-	-	-	0	0
118	-	4	4	-	-	-	-	4	4
Total	3312	652	3964	206	16	222	3518	668	4186

Appendix table 5. Length frequency of tagged dogfish by set, M/V NORE-DICK, July-August 1982.

Total length (cm)	Set no. 1			3			5			7		
	M	F	T	M	F	T	M	F	T	M	F	T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	1	1
75	-	-	-	-	-	-	-	-	-	-	0	0
76	-	-	-	-	-	-	-	-	-	-	0	0
77	-	-	-	-	-	-	-	-	-	-	0	0
78	-	-	-	-	-	-	-	-	-	-	0	0
79	-	-	-	-	-	-	-	-	-	-	0	0
80	-	-	-	-	-	-	-	-	-	-	0	0
81	-	-	-	-	-	-	-	-	-	-	0	0
82	-	-	-	-	-	-	-	-	-	-	0	0
83	-	-	-	-	-	-	-	-	-	-	0	0
84	-	-	-	-	-	-	-	-	-	-	0	0
85	-	-	-	-	-	-	-	-	-	-	0	0
86	-	-	-	-	-	-	-	-	-	-	0	0
87	-	-	-	-	-	-	-	-	-	-	0	0
88	-	-	-	-	-	-	-	-	-	-	0	0
89	-	-	-	-	-	-	-	-	-	-	0	0
90	-	-	-	-	-	-	-	-	-	-	0	0
91	-	-	-	-	1	1	-	-	-	-	0	0
92	-	-	-	-	0	0	-	-	-	-	0	0
93	-	-	-	-	0	0	-	-	-	-	0	0
94	-	-	-	-	0	0	-	-	-	-	0	0
95	-	-	-	-	0	0	-	-	-	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Set no. 1			3			5			7		
	M	F	T	M	F	T	M	F	T	M	F	T
96	-	1	1	-	0	0	-	-	-	-	0	0
97	-	0	0	-	0	0	-	-	-	-	0	0
98	-	0	0	-	1	1	-	-	-	-	1	1
99	-	0	0	-	-	-	-	-	-	-	0	0
100	-	0	0	-	-	-	-	-	-	-	0	0
101	-	0	0	-	-	-	-	1	1	-	0	0
102	-	0	0	-	-	-	-	-	-	-	0	0
103	-	0	0	-	-	-	-	-	-	-	0	0
104	-	0	0	-	-	-	-	-	-	-	1	1
105	-	0	0	-	-	-	-	-	-	-	-	-
106	-	0	0	-	-	-	-	-	-	-	-	-
107	-	1	1	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	2	2	0	2	2	0	1	1	0	3	3

Appendix table 5 (cont'd)

Total length (cm)	Set no. 8 M	8 F	8 T	9 M	9 F	9 T	10 M	10 F	10 T	11 M	11 F	11 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	1	1	-	-	-
81	-	-	-	-	-	-	-	0	0	-	-	-
82	-	-	-	-	-	-	-	0	0	-	-	-
83	-	-	-	-	-	-	-	2	2	-	-	-
84	-	1	1	-	-	-	-	0	0	-	-	-
85	-	0	0	-	-	-	-	0	0	-	-	-
86	-	0	0	-	1	1	-	0	0	-	-	-
87	-	0	0	-	0	0	-	0	0	-	-	-
88	-	0	0	-	0	0	-	0	0	-	-	-
89	-	0	0	-	0	0	-	0	0	-	1	1
90	-	0	0	-	0	0	-	1	1	-	-	-
91	-	0	0	-	0	0	-	5	5	-	-	-
92	-	1	1	-	0	0	-	0	0	-	-	-
93	-	0	0	-	0	0	-	0	0	-	-	-
94	-	0	0	-	0	0	-	2	2	-	-	-
95	-	0	0	-	0	0	-	1	1	-	-	-

Appendix table 5 (cont'd)

Total length (cm)	Set no. 8			9			10			11		
	M	F	T	M	F	T	M	F	T	M	F	T
96	-	0	0	-	1	1	-	2	2	-	-	-
97	-	0	0	-	-	-	-	0	0	-	-	-
98	-	0	0	-	-	-	-	0	0	-	-	-
99	-	0	0	-	-	-	-	0	0	-	-	-
100	-	0	0	-	-	-	-	0	0	-	-	-
101	-	1	1	-	-	-	-	0	0	-	-	-
102	-	1	1	-	-	-	-	0	0	-	-	-
103	-	-	-	-	-	-	-	0	0	-	-	-
104	-	-	-	-	-	-	-	1	1	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	4	4	0	2	2	0	15	15	0	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 12 M	12 F	12 T	13 M	13 F	13 T	14 M	14 F	14 T	15 M	15 F	15 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	1	-	1	-	-	-	-	-	-	-	-	-
68	-	-	0	-	-	-	-	-	-	-	-	-
69	-	-	0	-	-	-	-	-	-	-	-	-
70	-	-	0	-	-	-	-	-	-	-	-	-
71	-	-	0	-	-	-	-	-	-	-	-	-
72	-	-	0	-	-	-	-	-	-	-	-	-
73	-	-	0	-	-	-	-	-	-	-	-	-
74	-	-	0	-	-	-	-	-	-	-	-	-
75	-	-	0	-	-	-	-	-	-	-	-	-
76	-	-	0	-	-	-	-	-	-	-	-	-
77	-	1	1	-	-	-	-	-	-	-	-	-
78	-	0	0	-	-	-	-	-	-	-	-	-
79	-	0	0	-	-	-	-	-	-	-	-	-
80	-	0	0	-	-	-	-	1	1	-	-	-
81	-	0	0	-	-	-	-	0	0	-	-	-
82	-	1	1	-	-	-	-	0	0	-	-	-
83	-	0	0	-	-	-	-	1	1	-	-	-
84	-	0	0	-	-	-	-	1	1	-	-	-
85	-	1	1	-	-	-	-	1	1	-	-	-
86	-	1	1	-	-	-	-	0	0	-	-	-
87	-	1	1	-	2	2	-	0	0	-	-	-
88	-	0	0	-	1	1	1	1	2	-	-	-
89	-	0	0	-	0	0	-	1	1	-	-	-
90	-	0	0	-	0	0	-	0	0	-	-	-
91	-	1	1	-	0	0	-	0	0	-	-	-
92	-	0	0	-	0	0	-	0	0	-	1	1
93	-	0	0	-	0	0	-	1	1	-	-	-
94	-	1	1	-	0	0	-	0	0	-	-	-
95	-	0	0	-	1	1	-	0	0	-	-	-

Appendix table 5 (cont'd)

Total length (cm)	Set no. 12 M	12 F	12 T	13 M	13 F	13 T	14 M	14 F	14 T	15 M	15 F	15 T
96	-	0	0	-	0	0	-	1	1	-	-	-
97	-	0	0	-	0	0	-	0	0	-	-	-
98	-	0	0	-	0	0	-	1	1	-	-	-
99	-	0	0	-	0	0	-	4	4	-	-	-
100	-	0	0	-	0	0	-	0	0	-	-	-
101	-	1	1	-	0	0	-	1	1	-	-	-
102	-	0	0	-	0	0	-	0	0	-	-	-
103	-	1	1	-	0	0	-	0	0	-	-	-
104	-	0	0	-	1	1	-	0	0	-	-	-
105	-	0	0	-	-	-	-	0	0	-	-	-
106	-	0	0	-	-	-	-	0	0	-	-	-
107	-	1	1	-	-	-	-	1	1	-	-	-
108	-	0	0	-	-	-	-	1	1	-	-	-
109	-	0	0	-	-	-	-	1	1	-	-	-
110	-	0	0	-	-	-	-	-	-	-	-	-
111	-	1	1	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	1	11	12	0	5	5	1	17	18	0	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 16 M	16 F	16 T	17 M	17 F	17 T	18 M	18 F	18 T	20 M	20 F	20 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-
81	-	-	-	-	1	1	-	-	-	-	-	-
82	-	-	-	-	0	0	-	-	-	-	-	-
83	-	-	-	-	0	0	-	-	-	-	-	-
84	-	-	-	-	1	1	-	-	-	-	-	-
85	-	-	-	-	0	0	-	-	-	-	-	-
86	-	-	-	-	0	0	-	-	-	-	-	-
87	-	-	-	-	1	1	-	1	1	-	-	-
88	-	-	-	-	0	0	-	1	1	-	-	-
89	-	-	-	-	0	0	-	0	0	-	-	-
90	1	1	2	-	0	0	-	0	0	-	1	1
91	-	0	0	-	0	0	-	0	0	-	0	0
92	-	1	1	-	1	1	-	0	0	-	1	1
93	-	0	0	-	0	0	-	0	0	-	1	1
94	-	2	2	-	2	2	-	0	0	-	1	1
95	-	0	0	-	0	0	-	0	0	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Set no. 16			17			18			20		
	M	F	T	M	F	T	M	F	T	M	F	T
96	-	1	1	-	0	0	-	0	0	-	0	0
97	-	0	0	-	1	1	-	1	1	-	0	0
98	-	0	0	-	0	0	-	0	0	-	1	1
99	-	0	0	-	0	0	-	0	0	-	-	-
100	-	0	0	-	0	0	-	0	0	-	-	-
101	-	0	0	-	0	0	-	1	1	-	-	-
102	-	1	1	-	1	1	-	-	-	-	-	-
103	-	0	0	-	0	0	-	-	-	-	-	-
104	-	0	0	-	0	0	-	-	-	-	-	-
105	-	0	0	-	0	0	-	-	-	-	-	-
106	-	0	0	-	0	0	-	-	-	-	-	-
107	-	0	0	-	2	2	-	-	-	-	-	-
108	-	0	0	-	-	-	-	-	-	-	-	-
109	-	0	0	-	-	-	-	-	-	-	-	-
110	-	1	1	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	7	8	0	10	10	0	4	4	0	5	5

Appendix table 5 (cont'd)

Total length (cm)	Set no. 21 M	21 F	21 T	22 M	22 F	22 T	23 M	23 F	23 T	24 M	24 F	24 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-
81	-	-	-	-	-	-	-	-	-	-	-	-
82	-	-	-	-	-	-	-	-	-	-	-	-
83	-	-	-	-	-	-	-	-	-	-	1	1
84	-	-	-	-	-	-	-	-	-	-	1	1
85	-	1	1	-	1	1	-	-	-	-	0	0
86	-	1	1	-	0	0	-	1	1	-	0	0
87	-	0	0	-	0	0	-	2	2	-	0	0
88	-	0	0	-	0	0	-	0	0	-	0	0
89	-	1	1	-	0	0	-	1	1	-	1	1
90	-	0	0	-	0	0	-	0	0	-	0	0
91	-	1	1	-	1	1	-	0	0	-	0	0
92	-	1	1	-	1	1	-	0	0	-	1	1
93	-	0	0	-	1	1	-	0	0	-	0	0
94	-	0	0	-	0	0	-	1	1	-	0	0
95	-	0	0	-	0	0	-	0	0	-	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 21 M	21 F	21 T	22 M	22 F	22 T	23 M	23 F	23 T	24 M	24 F	24 T
96	-	0	0	-	2	2	-	0	0	-	0	0
97	-	0	0	-	0	0	-	0	0	-	1	1
98	-	0	0	-	0	0	-	0	0	-	1	1
99	-	1	1	-	1	1	-	0	0	-	0	0
100	-	0	0	-	1	1	-	1	1	-	1	1
101	-	1	1	-	0	0	-	1	1	-	0	0
102	-	0	0	-	1	1	-	-	-	-	0	0
103	-	0	0	-	0	0	-	-	-	-	1	1
104	-	1	1	-	1	1	-	-	-	-	-	-
105	-	0	0	-	1	1	-	-	-	-	-	-
106	-	0	0	-	-	-	-	-	-	-	-	-
107	-	1	1	-	-	-	-	-	-	-	-	-
108	-	0	0	-	-	-	-	-	-	-	-	-
109	-	0	0	-	-	-	-	-	-	-	-	-
110	-	0	0	-	-	-	-	-	-	-	-	-
111	-	0	0	-	-	-	-	-	-	-	-	-
112	-	1	1	-	-	-	-	-	-	-	-	-
113	-	0	0	-	-	-	-	-	-	-	-	-
114	-	0	0	-	-	-	-	-	-	-	-	-
115	-	0	0	-	-	-	-	-	-	-	-	-
116	-	0	0	-	-	-	-	-	-	-	-	-
117	-	1	1	-	-	-	-	-	-	-	-	-
Total	0	11	11	0	11	11	0	7	7	0	9	9

Appendix table 5 (cont'd)

Total length (cm)	Set no. 25			26			27			28		
	M	F	T	M	F	T	M	F	T	M	F	T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	1	1
68	-	-	-	-	-	-	-	-	-	-	0	0
69	-	-	-	-	-	-	-	-	-	-	0	0
70	-	-	-	-	-	-	-	-	-	-	0	0
71	-	-	-	-	-	-	-	-	-	-	0	0
72	-	-	-	-	-	-	-	-	-	-	0	0
73	-	-	-	-	-	-	-	-	-	-	0	0
74	-	-	-	-	-	-	-	-	-	-	0	0
75	-	-	-	-	-	-	-	-	-	-	0	0
76	-	-	-	-	-	-	-	-	-	-	0	0
77	-	-	-	-	-	-	-	-	-	-	0	0
78	-	-	-	-	-	-	-	-	-	-	0	0
79	-	-	-	-	-	-	-	-	-	-	0	0
80	-	1	1	-	-	-	-	1	1	-	1	1
81	-	0	0	-	1	1	-	-	-	-	0	0
82	-	1	1	-	0	0	-	-	-	-	0	0
83	-	0	0	-	1	1	-	-	-	-	0	0
84	-	0	0	-	0	0	-	-	-	-	0	0
85	-	0	0	-	1	1	-	-	-	-	0	0
86	-	1	1	-	0	0	-	-	-	-	0	0
87	-	0	0	-	0	0	-	-	-	-	0	0
88	-	0	0	-	0	0	-	-	-	-	0	0
89	-	0	0	-	0	0	-	-	-	-	2	2
90	-	0	0	-	0	0	-	-	-	-	0	0
91	-	1	1	-	0	0	-	-	-	-	0	0
92	-	0	0	-	2	2	-	-	-	-	0	0
93	-	1	1	-	1	1	-	-	-	-	0	0
94	-	0	0	-	0	0	-	-	-	-	0	0
95	-	0	0	-	0	0	-	-	-	-	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 25			26			27			28		
	M	F	T	M	F	T	M	F	T	M	F	T
96	-	2	2	-	1	1	-	-	-	-	0	0
97	-	0	0	-	1	1	-	-	-	-	0	0
98	-	0	0	-	-	-	-	-	-	-	1	1
99	-	0	0	-	-	-	-	-	-	-	0	0
100	-	2	2	-	-	-	-	-	-	-	1	1
101	-	0	0	-	-	-	-	-	-	-	-	-
102	-	3	3	-	-	-	-	-	-	-	-	-
103	-	1	1	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	13	13	0	8	8	0	1	1	0	7	7

Appendix table 5 (cont'd)

Total length (cm)	Set no. 29 M	29 F	29 T	30 M	30 F	30 T	31 M	31 F	31 T	32 M	32 F	32 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	1	1	-	-	-
77	-	-	-	-	-	-	-	0	0	-	-	-
78	-	-	-	-	-	-	-	0	0	-	-	-
79	-	1	1	-	-	-	-	0	0	-	-	-
80	-	1	1	-	-	-	1	1	2	-	1	1
81	-	1	1	-	-	-	0	1	1	-	0	0
82	-	0	0	-	-	-	0	0	0	-	0	0
83	-	2	2	-	-	-	0	2	2	-	0	0
84	-	1	1	-	-	-	0	0	0	-	0	0
85	-	1	1	-	-	-	0	0	0	-	1	1
86	-	0	0	-	-	-	0	0	0	-	1	1
87	-	2	2	-	2	2	0	1	1	-	0	0
88	-	1	1	-	0	0	0	0	0	-	0	0
89	-	1	1	-	2	2	0	0	0	-	0	0
90	-	1	1	-	0	0	1	0	1	-	1	1
91	-	2	2	-	0	0	-	0	0	-	0	0
92	-	0	0	-	0	0	-	1	1	-	2	2
93	-	2	2	-	1	1	-	1	1	-	0	0
94	-	0	0	-	1	1	-	1	1	-	0	0
95	-	0	0	-	1	1	-	2	2	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Set no. 29			30			31			32		
	M	F	T	M	F	T	M	F	T	M	F	T
96	-	2	2	-	1	1	-	0	0	-	0	0
97	-	0	0	-	2	2	-	0	0	-	0	0
98	-	1	1	-	0	0	-	0	0	-	0	0
99	-	1	1	-	1	1	-	0	0	-	0	0
100	-	0	0	-	1	1	-	0	0	-	0	0
101	-	0	0	-	2	2	-	1	1	-	1	1
102	-	1	1	-	0	0	-	1	1	-	-	-
103	-	-	-	-	1	1	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	21	21	0	15	15	2	13	15	0	7	7

Appendix table 5 (cont'd)

Total length (cm)	Set no. 33			34			36			38		
	M	F	T	M	F	T	M	F	T	M	F	T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-
81	-	-	-	-	-	-	-	-	-	-	-	-
82	-	-	-	-	-	-	-	-	-	-	-	-
83	-	-	-	-	-	-	-	-	-	-	-	-
84	-	-	-	-	-	-	-	-	-	-	-	-
85	-	-	-	-	1	1	-	-	-	-	-	-
86	-	-	-	-	0	0	-	-	-	-	-	-
87	-	-	-	-	0	0	-	-	-	-	-	-
88	-	-	-	-	0	0	-	-	-	-	-	-
89	-	-	-	-	0	0	-	-	-	-	-	-
90	-	-	-	-	0	0	-	-	-	-	-	-
91	-	-	-	-	0	0	-	-	-	-	-	-
92	-	-	-	-	0	0	-	-	-	-	-	-
93	-	-	-	-	0	0	-	-	-	-	-	-
94	-	-	-	-	0	0	-	-	-	-	-	-
95	-	-	-	-	0	0	-	-	-	-	-	-

Appendix table 5 (cont'd)

Total length (cm)	Set no. 33			34			36			38		
	M	F	T	M	F	T	M	F	T	M	F	T
96	-	2	2	-	0	0	-	-	-	-	-	-
97	-	-	-	-	1	1	-	1	1	-	-	-
98	-	-	-	-	-	-	-	-	-	-	-	-
99	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-
101	-	-	-	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-	1	1
103	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	2	2	0	2	2	0	1	1	0	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 39 M	39 F	39 T	40 M	40 F	40 T	43 M	43 F	43 T	44 M	44 F	44 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-
81	-	-	-	-	-	-	-	-	-	-	-	-
82	-	-	-	-	-	-	-	-	-	-	-	-
83	-	-	-	-	-	-	-	-	-	-	-	-
84	-	-	-	1	-	1	-	-	-	-	-	-
85	-	-	-	-	-	0	-	-	-	-	-	-
86	1	-	1	-	-	0	-	-	-	-	-	-
87	-	-	0	-	-	0	-	-	-	-	-	-
88	-	-	0	-	-	0	-	-	-	-	-	-
89	-	-	0	-	-	0	-	-	-	-	-	-
90	-	-	0	-	1	1	-	-	-	-	-	-
91	-	-	0	-	0	0	-	-	-	-	-	-
92	-	-	0	-	0	0	-	-	-	-	-	-
93	-	-	0	-	0	0	-	-	-	-	1	1
94	-	-	0	-	0	0	-	-	-	-	0	0
95	-	-	0	-	0	0	-	-	-	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Set no. 39 M	39 F	39 T	40 M	40 F	40 T	43 M	43 F	43 T	44 M	44 F	44 T
96	-	-	0	-	0	0	-	-	-	-	1	1
97	-	-	0	-	0	0	-	1	1	-	-	-
98	-	1	1	-	0	0	-	-	-	-	-	-
99	-	-	-	-	0	0	-	-	-	-	-	-
100	-	-	-	-	0	0	-	-	-	-	-	-
101	-	-	-	-	1	1	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	1	2	1	2	3	0	1	1	0	2	2

Appendix table 5 (cont'd)

Total length (cm)	Set no. 45			46			48			49		
	M	F	T	M	F	T	M	F	T	M	F	T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	1	1	-	-	-
77	-	-	-	-	-	-	-	0	0	-	1	1
78	-	-	-	-	1	1	-	0	0	-	1	1
79	-	-	-	-	0	0	-	0	0	-	0	0
80	-	1	1	-	0	0	-	0	0	-	0	0
81	-	0	0	1	0	1	-	0	0	-	0	0
82	-	0	0	0	0	0	-	1	1	-	1	1
83	-	0	0	0	0	0	-	0	0	1	0	1
84	-	0	0	0	0	0	-	0	0	-	1	1
85	-	0	0	0	0	0	-	1	1	-	1	1
86	-	0	0	0	0	0	-	0	0	-	1	1
87	-	0	0	0	0	0	-	0	0	-	0	0
88	-	0	0	0	0	0	-	0	0	-	0	0
89	-	1	1	0	0	0	-	0	0	-	0	0
90	-	0	0	1	0	1	-	0	0	-	1	1
91	-	0	0	-	0	0	-	0	0	-	0	0
92	-	0	0	-	0	0	-	1	1	-	1	1
93	-	0	0	-	0	0	-	1	1	-	0	0
94	-	0	0	-	0	0	-	0	0	-	0	0
95	-	1	1	-	0	0	-	0	0	-	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 45 M	45 F	45 T	46 M	46 F	46 T	48 M	48 F	48 T	49 M	49 F	49 T
96	-	0	0	-	0	0	-	0	0	-	2	2
97	-	0	0	-	0	0	-	0	0	-	-	-
98	-	0	0	-	1	1	-	1	1	-	-	-
99	-	0	0	-	-	-	-	0	0	-	-	-
100	-	1	1	-	-	-	-	0	0	-	-	-
101	-	-	-	-	-	-	-	0	0	-	-	-
102	-	-	-	-	-	-	-	2	2	-	-	-
103	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	4	4	2	2	4	0	8	8	1	11	12

Appendix table 5 (cont'd)

Total length (cm)	Set no. 50 M	50 F	50 T	51 M	51 F	51 T	52 M	52 F	52 T	53 M	53 F	53 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-
79	-	1	1	-	2	2	-	-	-	-	-	-
80	-	0	0	-	0	0	-	-	-	-	-	-
81	-	0	0	-	0	0	-	-	-	-	-	-
82	1	0	1	1	0	1	-	-	-	-	-	-
83	-	0	0	-	0	0	-	-	-	-	-	-
84	-	0	0	-	0	0	-	-	-	-	-	-
85	-	0	0	-	0	0	-	-	-	-	-	-
86	-	0	0	-	0	0	-	-	-	-	-	-
87	-	0	0	-	0	0	-	-	-	-	-	-
88	-	0	0	-	0	0	-	-	-	-	-	-
89	-	0	0	-	0	0	-	-	-	-	1	1
90	-	0	0	-	0	0	-	-	-	-	0	0
91	-	0	0	-	0	0	-	-	-	-	0	0
92	-	0	0	-	0	0	-	-	-	-	1	1
93	-	0	0	-	0	0	-	-	-	-	0	0
94	-	0	0	-	0	0	-	-	-	-	0	0
95	-	0	0	-	0	0	-	-	-	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Set no. 50 M	50 F	50 T	51 M	51 F	51 T	52 M	52 F	52 T	53 M	53 F	53 T
96	-	0	0	-	0	0	-	-	-	-	0	0
97	-	0	0	-	0	0	-	-	-	-	0	0
98	-	1	1	-	0	0	-	-	-	-	0	0
99	-	-	-	-	0	0	-	-	-	-	0	0
100	-	-	-	-	0	0	-	1	1	-	0	0
101	-	-	-	-	0	0	-	-	-	-	0	0
102	-	-	-	-	0	0	-	-	-	-	0	0
103	-	-	-	-	0	0	-	-	-	-	1	1
104	-	-	-	-	1	1	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2	3	1	3	4	0	1	1	0	3	3

Appendix table 5 (cont'd)

Total length (cm)	Set no. 54 M	54 F	54 T	55 M	55 F	55 T	56 M	56 F	56 T	57 M	57 F	57 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	1	1	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	1	-	1
81	-	-	-	-	-	-	-	-	-	-	-	-
82	-	-	-	-	-	-	-	1	1	-	-	-
83	-	-	-	-	-	-	-	0	0	-	-	-
84	-	-	-	-	-	-	-	0	0	-	-	-
85	-	-	-	-	-	-	-	0	0	-	-	-
86	-	-	-	-	-	-	-	0	0	-	-	-
87	-	-	-	-	-	-	-	0	0	-	-	-
88	-	-	-	-	-	-	-	0	0	-	-	-
89	-	-	-	-	-	-	-	0	0	-	-	-
90	1	-	1	-	-	-	-	1	1	-	-	-
91	-	-	-	-	-	-	-	-	-	-	-	-
92	-	-	-	-	-	-	-	-	-	-	-	-
93	-	-	-	-	-	-	-	-	-	-	-	-
94	-	-	-	-	-	-	-	-	-	-	-	-
95	-	-	-	-	-	-	-	-	-	-	-	-

Appendix table 5 (cont'd)

Total length (cm)	Set no. 54 M	54 F	54 T	55 M	55 F	55 T	56 M	56 F	56 T	57 M	57 F	57 T
96	-	-	-	-	-	-	-	-	-	-	-	-
97	-	-	-	-	-	-	-	-	-	-	-	-
98	-	-	-	-	-	-	-	-	-	-	-	-
99	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-
101	-	-	-	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	0	1	0	1	1	0	2	2	1	0	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 58 M	58 F	58 T	59 M	59 F	59 T	60 M	60 F	60 T	63 M	63 F	63 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	1	1	-	1	1	-	-	-	-	-	-
74	-	0	0	-	0	0	-	-	-	-	-	-
75	-	0	0	-	0	0	-	-	-	-	-	-
76	-	0	0	-	0	0	-	-	-	-	-	-
77	-	0	0	1	0	1	-	1	1	-	-	-
78	-	0	0	0	0	0	-	1	1	-	-	-
79	-	0	0	0	0	0	-	0	0	-	-	-
80	-	0	0	0	1	1	-	0	0	-	-	-
81	-	1	1	0	0	0	-	0	0	-	-	-
82	-	0	0	0	0	0	-	0	0	-	-	-
83	1	1	2	0	0	0	-	0	0	-	-	-
84	-	0	0	0	1	1	-	2	2	-	-	-
85	-	0	0	0	0	0	-	0	0	-	1	1
86	-	0	0	0	0	0	-	0	0	-	1	1
87	-	0	0	1	2	3	-	3	3	-	0	0
88	-	0	0	-	1	1	-	0	0	-	0	0
89	-	0	0	-	1	1	-	0	0	-	0	0
90	-	0	0	-	1	1	-	1	1	-	0	0
91	-	1	1	-	1	1	-	0	0	-	0	0
92	-	-	-	-	2	2	-	0	0	-	0	0
93	-	-	-	-	0	0	-	0	0	-	0	0
94	-	-	-	-	1	1	-	0	0	-	0	0
95	-	-	-	-	0	0	-	0	0	-	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 58 M	58 F	58 T	59 M	59 F	59 T	60 M	60 F	60 T	63 M	63 F	63 T
96	-	-	-	-	2	2	-	0	0	-	0	0
97	-	-	-	-	1	1	-	0	0	-	0	0
98	-	-	-	-	0	0	-	0	0	-	0	0
99	-	-	-	-	2	2	-	0	0	-	0	0
100	-	-	-	-	0	0	-	0	0	-	0	0
101	-	-	-	-	1	1	-	1	1	-	1	1
102	-	-	-	-	2	2	-	-	-	-	-	-
103	-	-	-	-	2	2	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	4	5	2	22	24	0	9	9	0	4	4

Appendix table 5 (cont'd)

Total length (cm)	Set no. 64 M	64 F	64 T	68 M	68 F	68 T	69 M	69 F	69 T	70 M	70 F	70 T
53	-	-	-	1	-	1	-	-	-	-	-	-
54	-	-	-	0	-	0	-	-	-	-	-	-
55	-	-	-	0	-	0	-	-	-	-	-	-
56	-	-	-	0	-	0	-	-	-	-	-	-
57	-	-	-	0	1	1	-	-	-	-	-	-
58	-	-	-	0	0	0	-	-	-	-	-	-
59	-	-	-	0	0	0	-	-	-	-	-	-
60	-	-	-	0	0	0	-	-	-	-	-	-
61	-	-	-	0	0	0	-	-	-	-	-	-
62	-	-	-	1	0	1	-	-	-	-	-	-
63	-	-	-	0	1	1	-	-	-	-	-	-
64	-	-	-	0	0	0	-	-	-	-	-	-
65	-	-	-	0	1	1	-	-	-	-	-	-
66	-	-	-	1	0	1	-	-	-	-	-	-
67	-	-	-	1	2	3	-	-	-	-	-	-
68	-	-	-	2	0	2	-	1	1	-	-	-
69	-	-	-	1	0	1	-	0	0	-	-	-
70	-	-	-	0	1	1	-	0	0	-	-	-
71	-	-	-	2	0	2	-	0	0	-	-	-
72	-	-	-	2	1	3	-	0	0	-	-	-
73	-	-	-	2	0	2	-	0	0	-	-	-
74	-	-	-	5	2	7	-	0	0	-	-	-
75	-	-	-	0	2	2	-	0	0	-	-	-
76	-	-	-	4	2	6	-	0	0	-	-	-
77	-	-	-	4	0	4	-	0	0	-	1	1
78	-	-	-	5	0	5	-	0	0	-	0	0
79	-	-	-	7	4	11	-	0	0	-	0	0
80	-	-	-	5	4	9	-	0	0	-	0	0
81	-	-	-	4	4	8	-	0	0	-	0	0
82	-	-	-	0	4	4	-	0	0	1	1	2
83	-	-	-	5	7	12	-	0	0	0	0	0
84	-	-	-	2	4	6	-	0	0	0	0	0
85	-	1	1	5	6	11	-	0	0	0	1	1
86	-	0	0	7	3	10	-	0	0	1	0	1
87	-	0	0	0	2	2	-	0	0	-	0	0
88	-	0	0	2	7	9	-	0	0	-	1	1
89	-	0	0	1	7	8	-	0	0	-	0	0
90	-	0	0	1	5	6	-	0	0	-	0	0
91	-	2	2	0	3	3	-	0	0	-	0	0
92	-	-	-	1	1	2	-	0	0	-	0	0
93	-	-	-	0	2	2	-	0	0	-	2	2
94	-	-	-	1	3	4	-	0	0	-	0	0
95	-	-	-	-	1	1	-	0	0	-	1	1

Appendix table 5 (cont'd)

Total length (cm)	Set no. 64 M	64 F	64 T	68 M	68 F	68 T	69 M	69 F	69 T	70 M	70 F	70 T
96	-	-	-	-	4	4	-	0	0	-	-	-
97	-	-	-	-	5	5	-	0	0	-	-	-
98	-	-	-	-	2	2	-	0	0	-	-	-
99	-	-	-	-	0	0	-	0	0	-	-	-
100	-	-	-	-	0	0	-	0	0	-	-	-
101	-	-	-	-	1	1	-	0	0	-	-	-
102	-	-	-	-	2	2	-	0	0	-	-	-
103	-	-	-	-	2	2	-	0	0	-	-	-
104	-	-	-	-	1	1	-	1	1	-	-	-
105	-	-	-	-	1	1	-	0	0	-	-	-
106	-	-	-	-	2	2	-	0	0	-	-	-
107	-	-	-	-	-	-	-	1	1	-	-	-
108	-	-	-	-	-	-	-	0	0	-	-	-
109	-	-	-	-	-	-	-	0	0	-	-	-
110	-	-	-	-	-	-	-	1	1	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	3	3	72	100	172	0	4	4	2	7	9

Appendix table 5 (cont'd)

Total length (cm)	Set no. 71 M	71 F	71 T	72 M	72 F	72 T	73 M	73 F	73 T	74 M	74 F	74 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	1	1	-	-	-
63	-	-	-	-	-	-	-	0	0	-	-	-
64	-	-	-	-	-	-	-	0	0	-	-	-
65	-	-	-	-	-	-	-	1	1	-	-	-
66	-	-	-	-	-	-	-	0	0	-	-	-
67	-	-	-	-	-	-	1	0	1	-	-	-
68	-	-	-	-	-	-	0	0	0	-	-	-
69	-	-	-	-	-	-	0	1	1	-	-	-
70	-	-	-	-	-	-	0	2	2	-	-	-
71	-	-	-	-	-	-	0	1	1	-	-	-
72	-	-	-	1	-	1	1	0	1	-	-	-
73	1	-	1	0	-	0	1	0	1	-	-	-
74	0	-	0	0	-	0	4	0	4	-	-	-
75	1	-	1	0	-	0	2	0	2	-	-	-
76	0	-	0	0	-	0	3	1	4	-	-	-
77	0	-	0	0	-	0	2	2	4	-	-	-
78	1	-	1	0	-	0	2	3	5	-	-	-
79	0	1	1	0	1	1	3	1	4	-	-	-
80	0	1	1	0	0	0	8	1	9	1	-	1
81	1	0	1	0	0	0	8	2	10	1	-	1
82	0	0	0	0	0	0	4	4	8	0	-	0
83	3	0	3	0	1	1	11	1	12	1	-	1
84	3	1	4	1	0	1	10	1	11	0	-	0
85	1	2	3	1	1	2	9	1	10	2	-	2
86	0	2	2	-	3	3	3	2	5	-	-	0
87	0	3	3	-	1	1	0	1	1	-	-	0
88	1	3	4	-	0	0	4	2	6	-	-	0
89	0	3	3	-	1	1	0	3	3	-	-	0
90	1	1	2	-	2	2	4	1	5	-	-	0
91	1	1	2	-	0	0	0	1	1	-	-	0
92	-	1	1	-	1	1	1	0	1	-	-	0
93	-	0	0	-	0	0	-	3	3	-	1	1
94	-	1	1	-	1	1	-	0	0	-	0	0
95	-	1	1	-	1	1	-	0	0	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Set no. 71 M	71 F	71 T	72 M	72 F	72 T	73 M	73 F	73 T	74 M	74 F	74 T
96	-	2	2	-	0	0	-	0	0	-	0	0
97	-	2	2	-	0	0	-	0	0	-	0	0
98	-	2	2	-	0	0	-	0	0	-	0	0
99	-	0	0	-	0	0	-	3	3	-	0	0
100	-	0	0	-	0	0	-	0	0	-	1	1
101	-	0	0	-	1	1	-	3	3	-	0	0
102	-	3	3	-	0	0	-	0	0	-	0	0
103	-	0	0	-	0	0	-	1	1	-	0	0
104	-	1	1	-	0	0	-	0	0	-	0	0
105	-	-	-	-	1	1	-	1	1	-	0	0
106	-	-	-	-	-	-	-	0	0	-	0	0
107	-	-	-	-	-	-	-	0	0	-	1	1
108	-	-	-	-	-	-	-	1	1	-	0	0
109	-	-	-	-	-	-	-	-	-	-	1	1
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	14	31	45	3	15	18	81	45	126	5	4	9

Appendix table 5 (cont'd)

Total length (cm)	Set no. 75 M	75 F	75 T	76 M	76 F	76 T	77 M	77 F	77 T	78 M	78 F	78 T
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	1	1	-	-	-	-	-	-
65	-	-	-	-	0	0	-	-	-	-	-	-
66	-	-	-	-	0	0	-	-	-	-	-	-
67	-	-	-	-	0	0	1	-	1	-	-	-
68	-	-	-	-	0	0	0	1	1	-	-	-
69	-	-	-	-	0	0	0	0	0	-	-	-
70	-	-	-	-	0	0	0	0	0	-	-	-
71	-	-	-	-	0	0	0	0	0	-	-	-
72	-	-	-	-	0	0	0	0	0	-	-	-
73	-	-	-	-	0	0	1	0	1	-	-	-
74	-	-	-	-	0	0	0	0	0	-	-	-
75	-	-	-	-	0	0	1	1	2	-	-	-
76	-	-	-	-	0	0	1	0	1	-	-	-
77	-	-	-	-	0	0	3	0	3	-	-	-
78	-	-	-	-	0	0	0	1	1	-	-	-
79	1	-	1	-	0	0	0	1	1	1	-	1
80	1	-	1	-	0	0	3	0	3	0	-	0
81	0	-	0	-	0	0	0	1	1	0	-	0
82	0	-	0	-	0	0	1	1	2	0	-	0
83	1	-	1	-	0	0	6	2	8	1	-	1
84	0	-	0	-	0	0	2	1	3	-	-	0
85	0	1	1	-	0	0	0	2	2	-	1	1
86	0	0	0	-	0	0	2	0	2	-	1	1
87	0	0	0	-	0	0	0	2	2	-	0	0
88	0	1	1	-	0	0	0	2	2	-	1	1
89	0	0	0	-	0	0	3	2	5	-	0	0
90	0	0	0	-	0	0	0	2	2	-	1	1
91	0	0	0	-	0	0	0	1	1	-	0	0
92	1	0	1	-	0	0	1	3	4	-	0	0
93	-	1	1	-	0	0	-	1	1	-	1	1
94	-	0	0	-	0	0	-	1	1	-	1	1
95	-	0	0	-	0	0	-	2	2	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Set no. 75 M	75 F	75 T	76 M	76 F	76 T	77 M	77 F	77 T	78 M	78 F	78 T
96	-	0	0	-	0	0	-	0	0	-	0	0
97	-	0	0	-	0	0	-	0	0	-	0	0
98	-	0	0	-	0	0	-	1	1	-	1	1
99	-	1	1	-	0	0	-	3	3	-	2	2
100	-	0	0	-	1	1	-	1	1	-	0	0
101	-	0	0	-	1	1	-	5	5	-	0	0
102	-	0	0	-	0	0	-	0	0	-	1	1
103	-	0	0	-	0	0	-	1	1	-	0	0
104	-	0	0	-	0	0	-	3	3	-	1	1
105	-	0	0	-	0	0	-	1	1	-	-	-
106	-	0	0	-	0	0	-	2	2	-	-	-
107	-	0	0	-	1	1	-	0	0	-	-	-
108	-	0	0	-	-	-	-	1	1	-	-	-
109	-	1	1	-	-	-	-	0	0	-	-	-
110	-	1	1	-	-	-	-	0	0	-	-	-
111	-	-	-	-	-	-	-	0	0	-	-	-
112	-	-	-	-	-	-	-	1	1	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	6	10	0	4	4	25	46	71	2	11	13

Appendix table 5 (cont'd)

Total length (cm)	Set no. 79 M	79 F	79 T	80 M	80 F	80 T
53	-	-	-	-	-	-
54	-	-	-	-	-	-
55	-	-	-	-	-	-
56	-	-	-	-	-	-
57	-	-	-	-	-	-
58	-	-	-	-	-	-
59	-	-	-	-	-	-
60	-	-	-	-	-	-
61	-	-	-	-	-	-
62	-	-	-	1	-	1
63	-	-	-	-	-	0
64	-	-	-	-	1	1
65	-	-	-	-	0	0
66	-	-	-	-	0	0
67	-	-	-	-	0	0
68	-	-	-	-	0	0
69	-	-	-	-	0	0
70	-	-	-	-	0	0
71	-	-	-	-	0	0
72	-	-	-	-	0	0
73	-	-	-	-	0	0
74	-	-	-	-	0	0
75	-	-	-	-	0	0
76	-	-	-	-	0	0
77	-	-	-	-	0	0
78	-	-	-	-	0	0
79	-	-	-	-	0	0
80	-	-	-	-	0	0
81	-	-	-	-	0	0
82	-	-	-	-	0	0
83	-	-	-	-	0	0
84	-	-	-	-	0	0
85	-	-	-	-	0	0
86	-	-	-	-	0	0
87	-	-	-	-	0	0
88	-	-	-	-	0	0
89	-	-	-	-	0	0
90	-	-	-	-	0	0
91	-	-	-	-	0	0
92	-	-	-	-	0	0
93	-	-	-	-	0	0
94	-	-	-	-	0	0
95	-	-	-	-	0	0

Appendix table 5 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
53	1	-	1	-	-	-	1	-	1
54	0	-	0	-	-	-	0	-	0
55	0	-	0	-	-	-	0	-	0
56	0	-	0	-	-	-	0	-	0
57	0	1	1	-	-	-	0	1	0
58	0	0	0	-	-	-	0	0	0
59	0	0	0	-	1	1	0	1	1
60	0	0	0	-	1	1	0	1	1
61	0	0	0	-	0	0	0	0	0
62	2	1	3	-	0	0	2	1	3
63	0	1	1	1	0	1	1	1	2
64	0	2	2	1	0	1	1	2	3
65	0	2	2	0	3	3	0	5	5
66	1	0	1	1	1	2	2	1	3
67	4	3	7	2	1	3	6	4	10
68	2	2	4	6	2	8	8	4	12
69	1	1	2	2	2	4	3	3	6
70	0	3	3	2	0	2	2	3	5
71	2	1	3	6	3	9	8	4	12
72	4	1	5	2	3	5	6	4	10
73	5	2	7	7	9	16	12	11	23
74	9	3	12	6	3	9	15	6	21
75	4	3	7	13	4	17	17	7	24
76	8	6	14	20	7	27	28	13	41
77	10	6	16	18	5	23	28	11	39
78	8	7	15	16	5	21	24	12	36
79	12	12	24	20	10	30	32	22	54
80	20	16	36	26	5	31	46	21	67
81	15	12	27	26	9	35	41	21	62
82	8	15	23	22	8	30	30	23	53
83	30	21	51	27	15	42	57	36	93
84	19	16	35	20	19	39	39	35	74
85	18	27	45	14	8	22	32	35	67
86	14	19	33	11	11	22	25	30	55
87	1	26	27	13	6	19	14	32	46
88	8	22	30	7	10	17	15	32	47
89	4	29	33	5	16	21	9	45	54
90	10	22	32	5	9	14	15	31	46
91	1	22	23	1	8	9	2	30	32
92	4	24	28	1	3	4	5	27	32
93	0	22	22	3	7	10	3	29	32
94	1	19	20	0	6	6	1	25	26
95	-	16	16	1	4	5	1	20	21

Appendix table 5 (cont'd)

Total length (cm)	Set no. 79 M	79 F	79 T	80 M	80 F	80 T
96	-	-	-	-	0	0
97	-	-	-	-	0	0
98	-	-	-	-	0	0
99	-	-	-	-	0	0
100	-	1	1	-	1	1
101	-	0	0	-	0	0
102	-	0	0	-	0	0
103	-	1	1	-	0	0
104	-	-	-	-	0	0
105	-	-	-	-	1	1
106	-	-	-	-	0	0
107	-	-	-	-	0	0
108	-	-	-	-	1	1
109	-	-	-	-	0	0
110	-	-	-	-	0	0
111	-	-	-	-	0	0
112	-	-	-	-	0	0
113	-	-	-	-	0	0
114	-	-	-	-	0	0
115	-	-	-	-	0	0
116	-	-	-	-	1	1
117	-	-	-	-	-	-
Total	0	2	2	1	5	6

Appendix table 5 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
96	-	27	27	-	6	6	-	33	33
97	-	17	17	-	6	6	-	23	23
98	-	17	17	-	2	2	-	19	19
99	-	19	19	-	4	4	-	23	23
100	-	14	14	-	1	1	-	15	15
101	-	26	26	-	3	3	-	29	29
102	-	20	20	-	3	3	-	23	23
103	-	12	12	-	1	1	-	13	13
104	-	13	13	-	1	1	-	14	14
105	-	6	6	-	1	1	-	7	7
106	-	4	4	-	1	1	-	5	5
107	-	9	9	-	0	0	-	9	9
108	-	4	4	-	0	0	-	4	4
109	-	3	3	-	0	0	-	3	3
110	-	3	3	-	0	0	-	3	3
111	-	1	1	-	2	2	-	3	3
112	-	2	2	-	-	-	-	2	2
113	-	0	0	-	-	-	-	0	0
114	-	0	0	-	-	-	-	0	0
115	-	0	0	-	-	-	-	0	0
116	-	1	1	-	-	-	-	1	1
117	-	1	1	-	-	-	-	1	1
Total	226	584	810	305	235	540	531	819	1350

Appendix table 6. Length frequency of tagged dogfish by set, R/V G.B. REED, September 1982.

Total length (cm)	Set no. 1			6			11			14		
	M	F	T	M	F	T	M	F	T	M	F	T
51	-	-	-	-	-	-	-	1	1	-	-	-
52	-	-	-	-	-	-	-	0	0	-	-	-
53	-	-	-	-	-	-	-	0	0	-	-	-
54	-	-	-	-	-	-	-	0	0	-	-	-
55	-	-	-	-	-	-	-	0	0	-	-	-
56	-	-	-	-	-	-	-	1	1	-	-	-
57	-	-	-	-	1	1	-	0	0	-	-	-
58	-	-	-	-	1	1	-	0	0	-	-	-
59	-	-	-	-	0	0	-	0	0	-	-	-
60	-	-	-	-	0	0	-	0	0	-	-	-
61	-	-	-	-	0	0	-	0	0	-	-	-
62	-	-	-	-	0	0	-	0	0	-	-	-
63	-	-	-	-	0	0	-	0	0	-	-	-
64	-	-	-	-	1	1	-	0	0	-	-	-
65	-	-	-	-	2	2	-	0	0	-	-	-
66	1	-	1	-	1	1	1	0	1	-	1	1
67	0	-	0	-	2	2	2	1	3	-	0	0
68	0	-	0	2	1	3	4	1	5	-	0	0
69	0	-	0	1	0	1	2	1	3	2	0	2
70	0	-	0	0	2	2	2	2	4	0	0	0
71	1	-	1	0	2	2	4	1	5	1	0	1
72	0	-	0	1	2	3	3	0	3	4	0	4
73	0	-	0	0	2	2	6	3	9	2	0	2
74	1	-	1	0	0	0	2	1	3	3	3	6
75	2	-	2	3	0	3	2	3	5	1	2	3
76	0	-	0	1	4	5	4	2	6	6	1	7
77	0	-	0	3	2	5	5	2	7	5	3	8
78	2	-	2	4	2	6	6	3	9	9	4	13
79	1	-	1	2	7	9	4	1	5	2	2	4
80	3	-	3	5	4	9	6	2	8	10	5	15
81	2	-	2	3	5	8	2	4	6	8	1	9
82	4	1	5	4	4	8	4	4	8	8	1	9
83	2	1	3	2	7	9	2	2	4	2	3	5
84	1	1	2	1	4	5	2	4	6	4	5	9
85	1	0	1	2	7	9	1	1	2	6	2	8
86	1	2	3	1	6	7	1	2	3	1	4	5
87	3	2	5	4	3	7	1	1	2	2	13	15
88	1	1	2	0	3	3	1	0	1	2	4	6
89	0	2	2	2	3	5	2	2	4	-	7	7
90	0	2	2	0	7	7	-	0	0	-	4	4
91	0	4	4	0	3	3	-	2	2	-	3	3
92	1	0	1	1	3	4	-	1	1	-	3	3
93	0	3	3	1	2	3	-	3	3	-	2	2

Appendix table 6 (cont'd)

Total length (cm)	Set no. 1			6			11			14		
	M	F	T	M	F	T	M	F	T	M	F	T
94	1	1	2	-	2	2	-	3	3	-	6	6
95	-	0	0	-	2	2	-	3	3	-	2	2
96	-	1	1	-	2	2	-	0	0	-	2	2
97	-	1	1	-	1	1	-	0	0	-	4	4
98	-	1	1	-	0	0	-	1	1	-	0	0
99	-	0	0	-	1	1	-	1	1	-	1	1
100	-	0	0	-	1	1	-	1	1	-	0	0
101	-	0	0	-	2	2	-	0	0	-	0	0
102	-	0	0	-	2	2	-	0	0	-	0	0
103	-	0	0	-	0	0	-	0	0	-	0	0
104	-	0	0	-	0	0	-	0	0	-	0	0
105	-	1	1	-	2	2	-	0	0	-	0	0
106	-	-	-	-	1	1	-	0	0	-	0	0
107	-	-	-	-	1	1	-	3	3	-	0	0
108	-	-	-	-	-	-	-	-	-	-	1	1
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	28	24	52	43	110	153	69	63	132	78	89	167

Appendix table 6 (cont'd)

Total length (cm)	Set no. 15 M	15 F	15 T	16 M	16 F	16 T	22 M	22 F	22 T	26 M	26 F	26 T
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	1	1	1	-	1	-	-	-
63	-	-	-	-	0	0	0	-	0	-	-	-
64	-	1	1	-	0	0	0	1	1	-	-	-
65	-	0	0	-	0	0	1	1	2	-	-	-
66	-	0	0	-	0	0	0	0	0	-	1	1
67	-	0	0	-	0	0	0	0	0	-	0	0
68	1	0	1	1	1	2	0	2	2	-	0	0
69	0	0	0	1	0	1	1	0	1	1	0	1
70	0	0	0	0	1	1	0	0	0	0	1	1
71	0	0	0	0	1	1	0	1	1	0	0	0
72	0	0	0	0	1	1	5	0	5	0	1	1
73	0	1	1	1	0	1	3	2	5	0	1	1
74	0	0	0	2	2	4	2	0	2	4	1	5
75	1	0	1	2	1	3	2	0	2	3	1	4
76	0	0	0	4	2	6	2	1	3	6	0	6
77	2	0	2	2	1	3	6	2	8	1	0	1
78	2	0	2	8	4	12	2	0	2	1	0	1
79	2	0	2	3	1	4	4	1	5	1	0	1
80	2	0	2	6	3	9	2	3	5	3	2	5
81	2	0	2	5	2	7	4	1	5	0	1	1
82	4	0	4	2	5	7	1	2	3	2	0	2
83	2	0	2	7	3	10	2	0	2	2	1	3
84	1	0	1	4	4	8	0	1	1	4	1	5
85	0	0	0	2	7	9	3	0	3	1	2	3
86	3	0	3	2	5	7	1	1	2	2	1	3
87	3	0	3	3	6	9	2	2	4	1	1	2
88	0	0	0	2	8	10	0	0	0	1	2	3
89	1	1	2	1	2	3	1	1	2	-	2	2
90	-	0	0	-	5	5	-	1	1	-	2	2
91	-	0	0	-	5	5	-	0	0	-	0	0
92	-	0	0	-	4	4	-	1	1	-	2	2
93	-	0	0	-	1	1	-	2	2	-	2	2

Appendix table 6 (cont'd)

Total length (cm)	Set no. 15 M	15 F	15 T	16 M	16 F	16 T	22 M	22 F	22 T	26 M	26 F	26 T
94	-	0	0	-	2	2	-	0	0	-	1	1
95	-	0	0	-	2	2	-	2	2	-	0	0
96	-	0	0	-	5	5	-	1	1	-	3	3
97	-	0	0	-	3	3	-	1	1	-	2	2
98	-	0	0	-	2	2	-	0	0	-	0	0
99	-	0	0	-	2	2	-	1	1	-	0	0
100	-	0	0	-	0	0	-	2	2	-	0	0
101	-	0	0	-	1	1	-	1	1	-	1	1
102	-	0	0	-	-	-	-	-	-	-	0	0
103	-	0	0	-	-	-	-	-	-	-	0	0
104	-	2	2	-	-	-	-	-	-	-	2	2
105	-	1	1	-	-	-	-	-	-	-	2	2
106	-	1	1	-	-	-	-	-	-	-	1	1
107	-	-	-	-	-	-	-	-	-	-	1	1
108	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	26	7	33	58	93	151	45	34	79	33	38	71

Appendix table 6 (cont'd)

Total length (cm)	Set no. 27 M	27 F	27 T	30 M	30 F	30 T	34 M	34 F	34 T	36 M	36 F	36 T
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	1	-	1	-	-	-
58	-	-	-	-	-	-	1	-	1	-	-	-
59	-	-	-	-	1	1	0	-	0	-	-	-
60	-	-	-	-	0	0	0	-	0	-	-	-
61	1	-	1	-	0	0	0	-	0	-	-	-
62	0	-	0	-	0	0	0	1	1	-	-	-
63	0	-	0	-	0	0	0	0	0	-	-	-
64	0	-	0	-	0	0	0	1	1	-	-	-
65	0	-	0	-	0	0	0	1	1	1	-	1
66	0	-	0	-	1	1	1	2	3	0	-	0
67	1	2	3	-	1	1	1	0	1	0	-	0
68	0	2	2	-	2	2	1	1	2	0	-	0
69	2	2	4	-	0	0	4	0	4	0	-	0
70	1	2	3	1	1	2	0	4	4	0	-	0
71	1	0	1	3	0	3	2	3	5	1	1	2
72	1	3	4	1	0	1	3	4	7	0	1	1
73	4	3	7	0	0	0	0	0	0	2	0	2
74	2	1	3	3	2	5	5	7	12	2	0	2
75	7	9	16	3	0	3	2	2	4	3	0	3
76	4	3	7	4	1	5	9	4	13	5	4	9
77	9	6	15	2	1	3	2	3	5	3	2	5
78	9	2	11	5	1	6	5	11	16	2	2	4
79	3	9	12	0	0	0	2	9	11	5	3	8
80	6	7	13	2	1	3	6	10	16	2	4	6
81	2	4	6	3	1	4	3	5	8	4	2	6
82	7	5	12	2	0	2	3	13	16	0	1	1
83	2	7	10	3	1	4	2	11	13	0	0	0
84	2	10	12	4	1	5	2	5	7	4	3	7
85	4	7	11	3	0	3	0	10	10	0	1	1
86	1	6	7	5	0	5	0	15	15	3	0	3
87	0	6	6	1	0	1	3	13	16	1	3	4
88	1	5	6	1	0	1	-	11	11	1	4	5
89	1	8	9	1	0	1	-	5	5	2	0	2
90	-	8	8	-	0	0	-	7	7	-	0	0
91	-	6	6	-	0	0	-	14	14	-	1	1
92	-	4	4	-	0	0	-	7	7	-	1	1
93	-	7	7	-	0	0	-	2	2	-	1	1

Appendix table 6 (cont'd)

Total length (cm)	Set no. 27 M	27 F	27 T	30 M	30 F	30 T	34 M	34 F	34 T	36 M	36 F	36 T
94	-	6	6	-	0	0	-	8	8	-	0	0
95	-	3	3	-	0	0	-	7	7	-	2	2
96	-	4	4	-	1	1	-	3	3	-	1	1
97	-	0	0	-	1	1	-	4	4	-	1	1
98	-	4	4	-	0	0	-	4	4	-	1	1
99	-	3	3	-	1	1	-	4	4	-	0	0
100	-	1	1	-	2	2	-	1	1	-	1	1
101	-	1	1	-	1	1	-	-	-	-	2	2
102	-	2	2	-	1	1	-	-	-	-	0	0
103	-	0	0	-	2	2	-	-	-	-	0	0
104	-	0	0	-	0	0	-	-	-	-	1	1
105	-	0	0	-	2	2	-	-	-	-	0	0
106	-	0	0	-	2	2	-	-	-	-	1	1
107	-	1	1	-	0	0	-	-	-	-	0	0
108	-	-	-	-	0	0	-	-	-	-	1	1
109	-	-	-	-	1	1	-	-	-	-	1	1
110	-	-	-	-	1	1	-	-	-	-	-	-
111	-	-	-	-	0	0	-	-	-	-	-	-
112	-	-	-	-	1	1	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	71	159	231	47	31	78	58	212	270	41	46	87

Appendix table 6 (cont'd)

Total length (cm)	Set no. 37 M	37 F	37 T	40 M	40 F	40 T	41 M	41 F	41 T	43 M	43 F	43 T
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	1	-	1	1	-	1
64	-	-	-	-	-	-	0	-	0	0	1	1
65	-	-	-	-	-	-	1	1	2	0	3	3
66	-	-	-	-	-	-	1	1	2	1	1	2
67	-	-	-	1	-	1	0	0	0	0	2	2
68	-	1	1	0	-	0	2	0	2	2	0	2
69	-	1	1	0	-	0	0	0	0	0	0	0
70	1	2	3	0	1	1	1	1	2	0	1	1
71	1	0	1	0	0	0	0	0	0	0	1	1
72	1	0	1	1	0	1	0	0	0	0	3	3
73	2	0	2	0	1	1	2	0	2	1	2	3
74	1	5	6	1	0	1	0	2	2	6	10	16
75	0	1	1	1	0	1	1	0	1	0	4	4
76	1	1	2	1	0	1	2	0	2	2	2	4
77	2	2	4	0	1	1	1	0	1	8	6	14
78	2	5	7	2	0	2	0	0	0	4	14	18
79	1	0	1	0	0	0	2	1	3	6	8	14
80	4	2	6	0	0	0	0	0	0	7	15	22
81	2	5	7	0	1	1	1	1	2	3	6	9
82	1	4	5	0	0	0	2	0	2	5	7	12
83	3	9	12	2	0	2	0	0	0	2	2	4
84	5	10	15	0	1	1	1	1	2	4	9	13
85	2	4	6	0	0	0	2	1	3	2	7	9
86	2	8	10	0	0	0	0	2	2	2	10	12
87	1	7	8	3	0	3	5	0	5	2	9	11
88	1	4	5	0	0	0	1	0	1	0	13	13
89	0	6	6	0	0	0	-	1	1	0	4	4
90	0	9	9	1	0	1	-	0	0	0	11	11
91	0	2	2	0	0	0	-	1	1	1	5	6
92	0	2	2	1	0	1	-	0	0	0	8	8
93	1	2	3	-	1	1	-	1	1	1	5	6

Appendix table 6 (cont'd)

Total length (cm)	Set no. 37			40			41			43		
	M	F	T	M	F	T	M	F	T	M	F	T
94	-	5	5	-	0	0	-	1	1	-	5	5
95	-	4	4	-	0	0	-	2	2	-	6	6
96	-	1	1	-	1	1	-	0	0	-	3	3
97	-	1	1	-	0	0	-	0	0	-	1	1
98	-	1	1	-	2	2	-	1	1	-	2	2
99	-	-	-	-	1	1	-	0	0	-	2	2
100	-	-	-	-	0	0	-	0	0	-	0	0
101	-	-	-	-	0	0	-	0	0	-	1	1
102	-	-	-	-	0	0	-	1	1	-	4	4
103	-	-	-	-	4	4	-	0	0	-	0	0
104	-	-	-	-	0	0	-	2	2	-	0	0
105	-	-	-	-	1	1	-	1	1	-	0	0
106	-	-	-	-	0	0	-	1	1	-	0	0
107	-	-	-	-	2	2	-	1	1	-	0	0
108	-	-	-	-	0	0	-	0	0	-	1	1
109	-	-	-	-	0	0	-	0	0	-	0	0
110	-	-	-	-	0	0	-	1	1	-	0	0
111	-	-	-	-	1	1	-	-	-	-	0	0
112	-	-	-	-	1	1	-	-	-	-	1	1
113	-	-	-	-	0	0	-	-	-	-	-	-
114	-	-	-	-	0	0	-	-	-	-	-	-
115	-	-	-	-	1	1	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	34	104	138	14	20	34	26	25	51	60	195	255

Appendix table 6 (cont'd)

Total length (cm)	Set no. 46 M	46 F	46 T	50 M	50 F	50 T	52 M	52 F	52 T	53 M	53 F	53 T
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	1	-	1	-	-	-
60	-	-	-	-	-	-	1	-	1	-	-	-
61	-	-	-	-	-	-	0	1	1	-	1	1
62	-	-	-	-	-	-	0	1	1	-	0	0
63	-	-	-	-	-	-	0	1	1	-	0	0
64	-	-	-	1	1	2	1	0	1	-	0	0
65	-	3	3	0	0	0	1	2	3	-	0	0
66	1	1	2	0	2	2	0	2	2	-	1	1
67	1	1	2	1	0	1	2	3	5	1	0	1
68	1	3	4	1	1	2	2	2	4	0	0	0
69	1	2	3	2	2	4	0	4	4	1	1	2
70	2	0	2	4	3	7	1	3	4	1	2	3
71	3	2	5	2	3	5	3	6	9	0	0	0
72	3	1	4	1	4	5	1	4	5	1	0	1
73	2	1	3	1	3	4	1	3	4	1	2	3
74	1	3	4	1	2	3	3	4	7	5	2	7
75	3	1	4	0	5	5	1	5	6	2	0	2
76	1	4	5	2	1	3	2	8	10	5	0	5
77	1	1	2	5	3	8	1	4	5	7	1	8
78	3	1	4	2	2	4	0	5	5	3	2	5
79	0	0	0	2	2	4	0	5	5	3	2	5
80	2	0	2	4	0	4	2	3	5	5	0	5
81	2	1	3	7	4	11	0	2	2	4	1	5
82	1	0	1	3	3	6	1	3	4	1	1	2
83	0	1	1	2	4	6	1	1	2	3	0	3
84	1	0	1	2	4	6	0	2	2	2	2	4
85	0	1	1	2	2	4	0	2	2	5	1	6
86	2	0	2	4	4	8	1	2	3	1	2	3
87	0	1	1	2	2	4	0	0	0	6	2	8
88	1	0	1	4	3	7	0	0	0	5	1	6
89	1	0	1	1	5	6	0	5	5	2	1	3
90	0	0	0	0	1	1	0	2	2	1	3	4
91	0	1	1	1	2	3	1	0	1	2	0	2
92	4	1	5	-	2	2	-	0	0	0	2	2
93	-	0	0	-	2	2	-	3	3	0	5	5

Appendix table 6 (cont'd)

Total length (cm)	Set no. 46 M	46 F	46 T	50 M	50 F	50 T	52 M	52 F	52 T	53 M	53 F	53 T
94	-	1	1	-	3	3	-	3	3	2	1	3
95	-	1	1	-	2	2	-	1	1	-	4	4
96	-	0	0	-	3	3	-	1	1	-	5	5
97	-	3	3	-	4	4	-	2	2	-	7	7
98	-	1	1	-	1	1	-	0	0	-	2	2
99	-	6	6	-	1	1	-	0	0	-	7	7
100	-	3	3	-	0	0	-	0	0	-	9	9
101	-	2	2	-	1	1	-	0	0	-	6	6
102	-	5	5	-	2	2	-	0	0	-	8	8
103	-	5	5	-	2	2	-	0	0	-	3	3
104	-	6	6	-	2	2	-	0	0	-	11	11
105	-	1	1	-	2	2	-	0	0	-	5	5
106	-	4	4	-	0	0	-	1	1	-	5	5
107	-	2	2	-	0	0	-	0	0	-	5	5
108	-	3	3	-	0	0	-	1	1	-	4	4
109	-	4	4	-	0	0	-	-	-	-	2	2
110	-	5	5	-	0	0	-	-	-	-	2	2
111	-	1	1	-	0	0	-	-	-	-	2	2
112	-	0	0	-	1	1	-	-	-	-	2	2
113	-	0	0	-	-	-	-	-	-	-	0	0
114	-	0	0	-	-	-	-	-	-	-	0	0
115	-	0	0	-	-	-	-	-	-	-	0	0
116	-	0	0	-	-	-	-	-	-	-	0	0
117	-	1	1	-	-	-	-	-	-	-	0	0
118	-	0	0	-	-	-	-	-	-	-	0	0
119	-	1	1	-	-	-	-	-	-	-	1	1
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	37	85	122	57	96	153	27	97	124	69	126	195

Appendix table 6 (cont'd)

Total length (cm)	Set no. 55 M	55 F	55 T	56 M	56 F	56 T	59 M	59 F	59 T	62 M	62 F	62 T
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	1	1	-	-	-
66	-	-	-	-	-	-	-	0	0	-	-	-
67	-	-	-	-	-	-	-	0	0	-	-	-
68	-	-	-	-	-	-	-	0	0	-	1	1
69	-	-	-	-	1	1	-	2	2	-	0	0
70	-	-	-	-	2	2	-	1	1	-	0	0
71	-	-	-	-	0	0	1	0	1	-	0	0
72	-	-	-	1	0	1	0	2	2	-	0	0
73	-	1	1	1	0	1	0	0	0	-	1	1
74	-	0	0	0	0	0	0	1	1	-	0	0
75	1	0	1	0	1	1	2	0	2	1	0	1
76	0	0	0	2	0	2	1	1	2	0	0	0
77	0	0	0	0	1	1	1	1	2	0	0	0
78	0	0	0	0	0	0	2	0	2	0	0	0
79	0	0	0	1	0	1	1	1	2	0	0	0
80	0	0	0	3	0	3	1	0	1	0	0	0
81	1	0	1	2	0	2	1	2	3	0	0	0
82	0	1	1	0	0	0	2	2	4	0	0	0
83	0	0	0	2	2	4	2	2	4	2	0	2
84	0	0	0	2	0	2	2	0	2	1	1	2
85	1	0	1	1	0	1	4	0	4	-	0	0
86	0	0	0	1	3	4	1	0	1	-	0	0
87	1	0	1	0	3	3	0	0	0	-	0	0
88	1	0	1	0	0	0	4	0	4	-	0	0
89	0	0	0	1	1	2	1	1	2	-	0	0
90	0	0	0	0	0	0	1	0	1	-	0	0
91	0	0	0	0	1	1	-	0	0	-	1	1
92	0	0	0	1	0	1	-	2	2	-	0	0
93	0	1	1	-	0	0	-	2	2	-	0	0

Appendix table 6 (cont'd)

Total length (cm)	Set no. 55 M	55 F	55 T	56 M	56 F	56 T	59 M	59 F	59 T	62 M	62 F	62 T
94	0	1	1	-	0	0	-	1	1	-	0	0
95	1	3	4	-	1	1	-	3	3	-	0	0
96	-	1	1	-	2	2	-	4	4	-	0	0
97	-	2	2	-	3	3	-	6	6	-	1	1
98	-	0	0	-	0	0	-	4	4	-	0	0
99	-	1	1	-	2	2	-	1	1	-	0	0
100	-	1	1	-	1	1	-	4	4	-	1	1
101	-	2	2	-	1	1	-	4	4	-	0	0
102	-	4	4	-	0	0	-	7	7	-	0	0
103	-	4	4	-	1	1	-	9	9	-	0	0
104	-	2	2	-	0	0	-	6	6	-	2	2
105	-	2	2	-	1	1	-	3	3	-	2	2
106	-	1	1	-	2	2	-	8	8	-	1	1
107	-	2	2	-	0	0	-	7	7	-	2	2
108	-	1	1	-	2	2	-	1	1	-	1	1
109	-	1	1	-	1	1	-	2	2	-	1	1
110	-	2	2	-	0	0	-	1	1	-	1	1
111	-	2	2	-	0	0	-	1	1	-	0	0
112	-	1	1	-	1	1	-	2	2	-	2	2
113	-	2	2	-	0	0	-	2	2	-	0	0
114	-	0	0	-	1	1	-	0	0	-	0	0
115	-	0	0	-	0	0	-	0	0	-	0	0
116	-	0	0	-	1	1	-	0	0	-	1	1
117	-	0	0	-	0	0	-	0	0	-	-	-
118	-	1	1	-	0	0	-	1	1	-	-	-
119	-	-	-	-	0	0	-	-	-	-	-	-
120	-	-	-	-	1	1	-	-	-	-	-	-
Total	6	39	45	18	36	54	27	98	125	4	19	23

Appendix table 6 (cont'd)

Total length (cm)	Set no. 63 M	63 F	63 T	67 M	67 F	67 T	68 M	68 F	68 T	69 M	69 F	69 T
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	1	-	1	-	-	-	-	-	-	-	-	-
58	0	-	0	-	-	-	-	-	-	-	-	-
59	0	-	0	-	-	-	-	-	-	-	-	-
60	0	-	0	-	-	-	-	-	-	-	-	-
61	0	-	0	-	-	-	-	-	-	-	-	-
62	0	-	0	-	-	-	-	-	-	-	-	-
63	0	-	0	-	-	-	-	-	-	-	-	-
64	0	-	0	-	-	-	-	-	-	-	-	-
65	0	-	0	-	-	-	-	1	1	-	-	-
66	0	1	1	-	-	-	-	0	0	1	-	1
67	0	0	0	-	-	-	-	1	1	0	1	1
68	0	1	1	-	-	-	-	0	0	0	0	0
69	0	0	0	-	1	1	1	1	2	0	0	0
70	0	4	4	-	0	0	0	1	1	0	0	0
71	0	1	1	-	0	0	2	0	2	0	2	2
72	1	1	2	-	0	0	2	2	4	0	0	0
73	0	1	1	1	0	1	1	4	5	0	0	0
74	0	1	1	0	0	0	1	2	3	0	0	0
75	0	0	0	0	0	0	2	3	5	0	1	1
76	1	3	4	0	0	0	4	5	9	0	0	0
77	1	0	1	0	0	0	6	2	8	0	0	0
78	1	2	3	1	0	1	3	2	5	1	0	1
79	0	0	0	1	0	1	4	2	6	2	1	3
80	0	1	1	1	0	1	8	2	10	0	0	0
81	0	0	0	1	0	1	11	7	18	2	0	2
82	0	0	0	2	0	2	4	1	5	3	1	4
83	2	0	2	2	0	2	6	2	8	3	2	5
84	0	0	0	1	0	1	2	2	4	2	1	3
85	0	0	0	0	0	0	6	3	9	1	0	1
86	0	0	0	0	0	0	5	2	7	2	0	2
87	0	1	1	1	0	1	4	4	8	0	0	0
88	1	0	1	0	2	2	3	6	9	1	0	1
89	0	0	0	2	1	3	2	1	3	2	0	2
90	0	0	0	1	1	2	1	5	6	-	0	0
91	0	0	0	-	0	0	0	4	4	-	0	0
92	0	0	0	-	0	0	1	7	8	-	1	1
93	1	1	2	-	0	0	1	4	5	-	0	0

Appendix table 6 (cont'd)

Total length (cm)	Set no. 63 M	63 F	63 T	67 M	67 F	67 T	68 M	68 F	68 T	69 M	69 F	69 T
94	-	1	1	-	2	2	-	7	7	-	0	0
95	-	1	1	-	1	1	-	5	5	-	1	1
96	-	1	1	-	1	1	-	3	3	-	2	2
97	-	0	0	-	1	1	-	4	4	-	1	1
98	-	2	2	-	1	1	-	6	6	-	0	0
99	-	0	0	-	1	1	-	5	5	-	1	1
100	-	0	0	-	4	4	-	5	5	-	4	4
101	-	1	1	-	0	0	-	2	2	-	1	1
102	-	4	4	-	3	3	-	2	2	-	2	2
103	-	0	0	-	3	3	-	2	2	-	2	2
104	-	2	2	-	0	0	-	6	6	-	1	1
105	-	0	0	-	0	0	-	5	5	-	1	1
106	-	1	1	-	0	0	-	3	3	-	1	1
107	-	2	2	-	1	1	-	1	1	-	0	0
108	-	1	1	-	1	1	-	2	2	-	2	2
109	-	-	-	-	0	0	-	0	0	-	0	0
110	-	-	-	-	1	1	-	0	0	-	0	0
111	-	-	-	-	0	0	-	1	1	-	0	0
112	-	-	-	-	0	0	-	1	1	-	0	0
113	-	-	-	-	1	1	-	0	0	-	1	1
114	-	-	-	-	-	-	-	2	2	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	34	43	14	26	40	80	138	218	20	30	50

Appendix table 6 (cont'd)

Total length (cm)	Set no. 72 M	72 F	72 T	73 M	73 F	73 T	76 M	76 F	76 T	77 M	77 F	77 T
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-
73	-	1	1	-	-	-	-	-	-	-	-	-
74	-	1	1	1	-	1	-	-	-	-	-	-
75	-	2	2	0	-	0	-	-	-	-	-	-
76	-	0	0	0	-	0	-	-	-	-	-	-
77	1	0	1	0	1	1	-	1	1	1	-	1
78	1	1	2	0	0	0	-	0	0	0	-	0
79	1	0	1	3	0	3	-	0	0	1	-	1
80	1	1	2	2	0	2	-	0	0	3	-	3
81	0	0	0	0	0	0	-	1	1	1	-	1
82	1	0	1	1	1	2	-	0	0	0	-	0
83	2	0	2	4	0	4	1	0	1	3	-	3
84	0	0	0	4	1	5	0	0	0	1	-	1
85	0	0	0	0	0	0	2	0	2	0	-	0
86	1	0	1	1	0	1	1	0	1	1	-	1
87	0	0	0	1	0	1	0	1	1	1	-	1
88	0	0	0	3	0	3	0	0	0	0	-	0
89	0	0	0	2	1	3	0	0	0	1	-	1
90	0	1	1	0	0	0	0	0	0	0	1	1
91	0	1	1	0	0	0	0	0	0	0	1	1
92	1	0	1	2	1	3	0	0	0	0	0	0
93	-	1	1	1	1	2	0	3	3	1	2	3

Appendix table 6 (cont'd)

Total length (cm)	Set no. 72 M	72 F	72 T	73 M	73 F	73 T	76 M	76 F	76 T	77 M	77 F	77 T
94	-	1	1	-	0	0	1	0	1	-	2	2
95	-	0	0	-	2	2	-	0	0	-	1	1
96	-	3	3	-	4	4	-	0	0	-	3	3
97	-	0	0	-	2	2	-	0	0	-	6	6
98	-	0	0	-	6	6	-	1	1	-	7	7
99	-	1	1	-	6	6	-	2	2	-	6	6
100	-	1	1	-	5	5	-	0	0	-	5	5
101	-	0	0	-	5	5	-	1	1	-	7	7
102	-	1	1	-	3	3	-	1	1	-	1	1
103	-	4	4	-	1	1	-	1	1	-	7	7
104	-	0	0	-	2	2	-	1	1	-	6	6
105	-	1	1	-	3	3	-	0	0	-	7	7
106	-	0	0	-	3	3	-	3	3	-	8	8
107	-	1	1	-	3	3	-	1	1	-	7	7
108	-	3	3	-	1	1	-	1	1	-	2	2
109	-	0	0	-	1	1	-	0	0	-	3	3
110	-	1	1	-	2	2	-	0	0	-	4	4
111	-	0	0	-	1	1	-	1	1	-	4	4
112	-	0	0	-	0	0	-	0	0	-	3	3
113	-	0	0	-	0	0	-	1	1	-	1	1
114	-	0	0	-	2	2	-	-	-	-	1	1
115	-	0	0	-	0	0	-	-	-	-	0	0
116	-	1	1	-	1	1	-	-	-	-	0	0
117	-	-	-	-	-	-	-	-	-	-	0	0
118	-	-	-	-	-	-	-	-	-	-	1	1
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	27	36	25	59	84	5	20	25	14	96	110

Appendix table 6 (cont'd)

Total length (cm)	Set no. 80 M	80 F	80 T	83 M	83 F	83 T	84 M	84 F	84 T
51	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-
53	1	-	1	-	-	-	-	-	-
54	0	-	0	-	-	-	-	-	-
55	0	-	0	-	-	-	-	-	-
56	0	-	0	-	-	-	-	-	-
57	0	-	0	-	-	-	-	-	-
58	0	-	0	-	-	-	-	-	-
59	0	1	1	-	-	-	-	-	-
60	1	0	1	-	-	-	-	-	-
61	1	3	4	-	-	-	-	-	-
62	2	1	3	-	-	-	-	-	-
63	1	1	2	-	-	-	-	-	-
64	2	6	8	-	-	-	-	-	-
65	5	5	10	-	-	-	-	-	-
66	3	3	6	-	-	-	-	-	-
67	4	7	11	-	-	-	-	-	-
68	3	7	10	-	-	-	-	-	-
69	8	8	16	-	-	-	-	-	-
70	7	12	19	-	-	-	-	-	-
71	4	15	19	-	-	-	1	-	1
72	4	14	18	-	-	-	0	-	0
73	6	9	15	-	-	-	0	-	0
74	9	8	17	-	-	-	0	-	0
75	5	4	9	-	-	-	0	-	0
76	3	5	8	1	-	1	1	-	1
77	2	6	8	0	-	0	0	-	0
78	1	0	1	0	-	0	0	-	0
79	3	6	9	0	-	0	2	-	2
80	1	1	2	1	-	1	0	-	0
81	0	3	3	0	-	0	3	-	3
82	0	3	3	2	-	2	2	-	2
83	0	3	3	1	-	1	0	-	0
84	1	0	1	0	-	0	4	-	4
85	0	0	0	1	-	1	2	-	2
86	0	2	2	1	-	1	2	-	2
87	1	0	1	0	1	1	2	-	2
88	0	1	1	1	0	1	1	-	1
89	1	2	3	1	0	1	1	3	4
90	0	1	1	0	0	0	0	1	1
91	0	1	1	0	0	0	0	1	1
92	1	0	1	0	1	1	1	1	2
93	-	1	1	0	1	1	1	2	3

Appendix table 6 (cont'd)

Total length (cm)	Set no. 80 M	80 F	80 T	83 M	83 F	83 T	84 M	84 F	84 T
94	-	0	0	1	0	1	-	0	0
95	-	1	1	0	1	1	-	3	3
96	-	0	0	0	6	6	-	5	5
97	-	0	0	0	1	1	-	5	5
98	-	1	1	0	5	5	-	5	5
99	-	2	2	0	3	3	-	9	9
100	-	0	0	0	4	4	-	10	10
101	-	0	0	0	0	0	-	9	9
102	-	0	0	0	6	6	-	2	2
103	-	1	1	0	2	2	-	10	10
104	-	1	1	0	6	6	-	10	10
105	-	2	2	1	2	3	-	5	5
106	-	1	1	-	4	4	-	4	4
107	-	1	1	-	2	2	-	5	5
108	-	0	0	-	0	0	-	6	6
109	-	0	0	-	2	2	-	5	5
110	-	1	1	-	1	1	-	1	1
111	-	-	-	-	2	2	-	2	2
112	-	-	-	-	3	3	-	3	3
113	-	-	-	-	2	2	-	0	0
114	-	-	-	-	1	1	-	1	1
115	-	-	-	-	0	0	-	2	2
116	-	-	-	-	1	1	-	2	2
117	-	-	-	-	1	1	-	-	-
118	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-
Total	80	150	230	11	58	69	23	112	135

Appendix table 6 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
51	-	1	1	1	-	1	1	1	2
52	-	0	0	0	-	0	0	0	0
53	1	0	1	0	-	0	1	0	1
54	0	0	0	1	1	2	1	1	2
55	0	0	0	1	0	1	1	0	1
56	0	1	1	0	2	2	0	3	3
57	2	1	3	3	0	3	5	1	6
58	1	1	2	1	1	2	2	2	4
59	1	2	3	0	3	3	1	5	6
60	2	0	2	1	1	2	3	1	4
61	2	5	7	1	3	4	3	8	11
62	3	4	7	2	2	4	5	6	11
63	3	2	5	1	2	3	4	4	8
64	4	12	16	2	6	8	6	18	24
65	9	20	29	3	7	10	12	27	39
66	10	18	28	6	3	9	16	21	37
67	14	21	35	2	13	15	16	34	50
68	20	26	46	5	13	18	25	39	64
69	27	26	53	8	17	25	35	43	78
70	21	46	67	10	7	17	31	53	84
71	30	39	69	6	6	12	36	45	81
72	34	43	77	12	8	20	46	51	97
73	37	41	78	13	8	21	50	49	99
74	55	58	113	14	12	26	69	70	139
75	50	45	95	10	10	20	60	55	115
76	74	52	126	11	13	24	85	65	150
77	77	52	129	20	10	30	97	62	159
78	81	63	144	8	10	18	89	73	162
79	62	61	123	20	4	24	82	65	147
80	98	66	164	25	13	38	123	79	202
81	79	60	139	12	8	20	91	68	159
82	72	63	135	21	9	30	93	72	165
83	71	64	136	16	6	22	87	70	158
84	64	73	137	20	11	31	84	84	168
85	54	58	112	14	12	26	68	70	138
86	49	77	126	12	9	21	61	86	147
87	54	81	135	10	6	16	64	87	151
88	37	68	105	10	17	27	47	85	132
89	29	65	94	11	11	22	40	76	116
90	5	72	77	5	13	18	10	85	95
91	5	59	64	4	8	12	9	67	76
92	14	54	68	2	3	5	16	57	73
93	8	63	71	0	6	6	8	69	77

Appendix table 6 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
94	5	63	68	1	5	6	6	68	74
95	1	66	67	0	12	12	1	78	79
96	0	72	72	0	4	4	0	76	76
97	0	68	68	1	5	6	1	73	74
98	0	61	61	-	6	6	0	67	67
99	0	71	71	-	5	5	0	76	76
100	0	66	66	-	6	6	0	72	72
101	0	52	52	-	5	5	0	57	57
102	0	61	61	-	5	5	0	66	66
103	0	63	63	-	2	2	0	65	65
104	0	71	71	-	10	10	0	81	81
105	1	52	53	-	6	6	1	58	59
106	-	57	57	-	2	2	-	59	59
107	-	51	51	-	5	5	-	56	56
108	-	35	35	-	4	4	-	39	39
109	-	24	24	-	3	3	-	27	27
110	-	24	24	-	4	4	-	28	28
111	-	18	18	-	0	0	-	18	18
112	-	22	22	-	2	2	-	24	24
113	-	10	10	-	2	2	-	12	12
114	-	8	8	-	-	-	-	8	8
115	-	3	3	-	-	-	-	3	3
116	-	7	7	-	-	-	-	7	7
117	-	2	2	-	-	-	-	2	2
118	-	3	3	-	-	-	-	3	3
119	-	2	2	-	-	-	-	2	2
120	-	1	1	-	-	-	-	1	1
Total	1266	2596	3863	326	387	713	1592	2983	4576

Appendix table 7. Length frequency of tagged dogfish by set, Campbell River area, May 1983.

Total length (cm)	Set no. 1			2			3			4		
	M	F	T	M	F	T	M	F	T	M	F	T
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	1	1	2
52	-	-	-	-	-	-	-	-	-	0	0	0
53	-	-	-	-	-	-	-	-	-	1	0	1
54	-	-	-	-	-	-	-	-	-	1	1	2
55	-	-	-	-	-	-	-	-	-	2	6	8
56	-	-	-	-	-	-	-	-	-	1	1	2
57	-	-	-	-	-	-	-	-	-	1	3	4
58	-	-	-	-	-	-	-	-	-	0	1	1
59	-	-	-	-	-	-	-	-	-	0	4	4
60	-	-	-	-	-	-	-	-	-	1	0	1
61	-	-	-	-	-	-	-	-	-	2	2	4
62	-	-	-	-	-	-	-	-	-	0	0	0
63	-	-	-	-	-	-	-	-	-	1	0	1
64	-	-	-	1	-	1	-	-	-	1	1	2
65	-	-	-	0	-	0	-	-	-	0	2	2
66	-	-	-	0	-	0	-	-	-	1	0	1
67	-	-	-	0	-	0	-	-	-	1	0	1
68	-	-	-	1	-	1	-	-	-	0	0	0
69	-	-	-	0	-	0	-	-	-	1	0	1
70	-	-	-	1	-	1	-	-	-	0	0	0
71	-	-	-	3	1	4	-	-	-	0	0	0
72	-	-	-	0	0	0	2	-	2	0	0	0
73	-	-	-	1	0	1	0	1	1	0	1	1
74	-	-	-	4	0	4	2	0	2	0	0	0
75	-	-	-	0	0	0	1	0	1	1	0	1
76	-	-	-	3	0	3	0	0	0	0	0	0
77	-	-	-	5	0	5	1	0	1	0	2	2
78	-	-	-	2	0	2	4	0	4	0	1	1
79	-	-	-	2	0	2	1	0	1	0	1	1
80	-	-	-	4	0	4	5	0	5	1	0	1
81	-	-	-	1	0	1	2	0	2	-	0	0
82	-	-	-	1	1	2	2	0	2	-	1	1
83	-	-	-	3	0	3	1	1	2	-	0	0
84	-	-	-	5	0	5	3	0	3	-	0	0
85	-	-	-	4	0	4	1	0	1	-	0	0
86	1	-	1	7	0	7	1	0	1	-	0	0
87	0	-	0	3	0	3	0	0	0	-	0	0
88	1	-	1	3	0	3	2	0	2	-	0	0
89	-	-	0	2	0	2	0	0	0	-	0	0

Appendix table 7 (cont'd)

Total length (cm)	Set no. 1			2			3			4		
	M	F	T	M	F	T	M	F	T	M	F	T
90	-	-	0	0	0	0	1	1	2	-	0	0
91	-	-	0	1	0	1	1	0	1	-	0	0
92	-	-	0	-	0	0	2	0	2	-	1	1
93	-	-	0	-	1	1	-	0	0	-	0	0
94	-	-	0	-	1	1	-	0	0	-	0	0
95	-	-	0	-	1	1	-	0	0	-	0	0
96	-	-	0	-	0	0	-	0	0	-	0	0
97	-	-	0	-	0	0	-	0	0	-	1	1
98	-	-	0	-	0	0	-	0	0	-	0	0
99	-	1	1	-	0	0	-	1	1	-	0	0
100	-	0	0	-	0	0	-	0	0	-	0	0
101	-	0	0	-	0	0	-	0	0	-	0	0
102	-	0	0	-	1	1	-	0	0	-	1	1
103	-	0	0	-	3	3	-	1	1	-	-	-
104	-	0	0	-	2	2	-	0	0	-	-	-
105	-	0	0	-	1	1	-	2	2	-	-	-
106	-	1	1	-	1	1	-	0	0	-	-	-
107	-	2	2	-	3	3	-	0	0	-	-	-
108	-	0	0	-	0	0	-	2	2	-	-	-
109	-	1	1	-	1	1	-	1	1	-	-	-
110	-	-	-	-	3	3	-	1	1	-	-	-
111	-	-	-	-	1	1	-	0	0	-	-	-
112	-	-	-	-	1	1	-	0	0	-	-	-
113	-	-	-	-	-	-	-	1	1	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	5	7	57	22	79	32	12	44	17	31	48

Appendix table 7 (cont'd)

Total length (cm)	Set no. 5			6			7			8		
	M	F	T	M	F	T	M	F	T	M	F	T
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	1	1	-	-	-	-	-	-	-	-	-
50	1	2	3	-	-	-	-	-	-	-	-	-
51	0	0	0	-	-	-	-	-	-	-	-	-
52	0	0	0	-	-	-	-	-	-	-	-	-
53	1	0	1	-	-	-	-	-	-	-	-	-
54	1	1	2	-	-	-	-	-	-	-	-	-
55	1	2	3	-	-	-	-	-	-	-	-	-
56	0	2	2	-	-	-	-	-	-	-	-	-
57	0	2	2	-	-	-	-	-	-	-	-	-
58	0	4	4	-	-	-	-	-	-	-	-	-
59	1	3	4	-	-	-	-	-	-	-	-	-
60	4	1	5	-	-	-	-	-	-	-	-	-
61	1	1	2	-	-	-	-	-	-	-	-	-
62	0	1	1	-	-	-	-	-	-	-	-	-
63	2	6	8	-	-	-	-	-	-	-	-	-
64	2	5	7	-	-	-	-	-	-	-	-	-
65	3	1	4	-	-	-	-	-	-	-	-	-
66	-	3	3	-	-	-	-	-	-	-	-	-
67	-	3	3	-	-	-	-	-	-	-	-	-
68	-	0	0	-	-	-	-	-	-	-	-	-
69	-	1	1	-	-	-	1	-	1	2	-	2
70	-	1	1	-	-	-	1	-	1	0	-	0
71	-	0	0	-	-	-	0	-	0	0	-	0
72	-	2	2	-	-	-	3	-	3	0	-	0
73	-	0	0	2	-	2	3	-	3	3	-	3
74	-	0	0	1	-	1	0	-	0	3	-	3
75	-	2	2	0	-	0	4	-	4	2	-	2
76	-	0	0	1	-	1	2	-	2	4	-	4
77	-	1	1	2	-	2	5	-	5	3	-	3
78	-	0	0	0	-	0	5	1	6	5	-	5
79	-	2	2	3	-	3	2	0	2	5	-	5
80	-	0	0	3	-	3	3	0	3	5	-	5
81	-	0	0	3	-	3	10	1	11	3	-	3
82	-	2	2	3	-	3	8	0	8	4	-	4
83	-	1	1	1	-	1	4	0	4	5	-	5
84	-	2	2	3	-	3	7	0	7	3	-	3
85	-	0	0	2	-	2	6	1	7	2	-	2
86	-	0	0	1	-	1	5	0	5	1	-	1
87	-	0	0	3	-	3	1	1	2	2	-	2
88	-	0	0	1	-	1	2	1	3	2	-	2
89	-	0	0	3	-	3	2	0	2	2	-	2

Appendix table 7 (cont'd)

Total length (cm)	Set no. 5			6			7			8		
	M	F	T	M	F	T	M	F	T	M	F	T
90	-	0	0	1	-	1	1	0	1	0	-	0
91	-	0	0	0	-	0	1	0	1	0	-	0
92	-	0	0	0	-	0	-	0	0	0	-	0
93	-	0	0	0	-	0	-	1	1	2	1	3
94	-	0	0	1	-	1	-	0	0	-	0	0
95	-	0	0	0	-	0	-	1	1	-	0	0
96	-	0	0	0	1	1	-	0	0	-	0	0
97	-	0	0	1	0	1	-	0	0	-	1	1
98	-	1	1	-	0	0	-	0	0	-	0	0
99	-	0	0	-	0	0	-	1	1	-	0	0
100	-	1	1	-	1	1	-	1	1	-	1	1
101	-	0	0	-	1	1	-	0	0	-	0	0
102	-	0	0	-	0	0	-	0	0	-	0	0
103	-	0	0	-	1	1	-	1	1	-	0	0
104	-	1	1	-	1	1	-	2	2	-	1	1
105	-	0	0	-	1	1	-	1	1	-	1	1
106	-	1	1	-	0	0	-	1	1	-	0	0
107	-	0	0	-	0	0	-	3	3	-	0	0
108	-	0	0	-	0	0	-	0	0	-	0	0
109	-	0	0	-	1	1	-	1	1	-	0	0
110	-	0	0	-	-	-	-	-	-	-	0	0
111	-	0	0	-	-	-	-	-	-	-	0	0
112	-	0	0	-	-	-	-	-	-	-	2	2
113	-	0	0	-	-	-	-	-	-	-	1	1
114	-	1	1	-	-	-	-	-	-	-	0	0
115	-	-	-	-	-	-	-	-	-	-	0	0
116	-	-	-	-	-	-	-	-	-	-	0	0
117	-	-	-	-	-	-	-	-	-	-	0	0
118	-	-	-	-	-	-	-	-	-	-	0	0
119	-	-	-	-	-	-	-	-	-	-	0	0
120	-	-	-	-	-	-	-	-	-	-	0	0
121	-	-	-	-	-	-	-	-	-	-	0	0
122	-	-	-	-	-	-	-	-	-	-	0	0
123	-	-	-	-	-	-	-	-	-	-	0	0
124	-	-	-	-	-	-	-	-	-	-	0	0
125	-	-	-	-	-	-	-	-	-	-	1	1
Total	17	57	74	35	7	42	76	18	94	58	9	67

Appendix table 7 (cont'd)

Total length (cm)	Set no. 9			10			11			12		
	M	F	T	M	F	T	M	F	T	M	F	T
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	1	1	-	-	-	-	-	-	-	-	-
51	-	0	0	-	-	-	-	-	-	-	-	-
52	-	0	0	-	-	-	-	-	-	-	-	-
53	-	0	0	-	-	-	-	-	-	-	-	-
54	-	0	0	-	1	1	-	-	-	-	-	-
55	-	0	0	-	0	0	-	-	-	-	-	-
56	1	0	1	-	0	0	-	-	-	-	-	-
57	1	0	1	-	0	0	-	-	-	-	-	-
58	1	0	1	-	0	0	-	-	-	-	-	-
59	0	0	0	-	0	0	-	-	-	-	-	-
60	0	1	1	-	0	0	-	-	-	-	-	-
61	0	0	0	-	1	1	-	-	-	-	-	-
62	2	0	2	-	0	0	1	-	1	-	-	-
63	0	0	0	-	0	0	0	-	0	-	-	-
64	0	0	0	-	0	0	2	-	2	-	-	-
65	0	2	2	-	0	0	0	-	0	-	-	-
66	0	1	1	-	0	0	0	-	0	-	-	-
67	0	0	0	-	0	0	1	-	1	-	-	-
68	0	0	0	1	0	1	1	-	1	-	1	1
69	2	0	2	0	0	0	0	-	0	-	0	0
70	1	0	1	0	0	0	1	1	2	-	0	0
71	2	1	3	0	0	0	0	0	0	1	1	2
72	1	1	2	1	0	1	0	0	0	0	1	1
73	2	1	3	2	0	2	0	0	0	1	0	1
74	3	0	3	2	0	2	2	0	2	1	0	1
75	1	0	1	0	0	0	1	1	2	0	2	2
76	5	0	5	3	0	3	1	1	2	2	0	2
77	6	0	6	3	0	3	2	0	2	0	0	0
78	2	0	2	5	0	5	1	0	1	2	0	2
79	3	0	3	1	0	1	2	0	2	0	0	0
80	5	0	5	4	0	4	0	0	0	0	0	0
81	4	0	4	3	0	3	0	1	1	2	0	2
82	5	0	5	2	0	2	1	0	1	0	0	0
83	4	1	5	0	0	0	2	0	2	6	0	6
84	1	0	1	3	0	3	2	1	3	1	0	1
85	5	0	5	0	0	0	0	0	0	0	0	0
86	0	0	0	0	1	1	0	0	0	2	1	3
87	2	0	2	4	0	4	2	0	2	1	1	2
88	1	0	1	0	0	0	0	0	0	1	1	2
89	2	0	2	1	0	1	0	0	0	1	0	1

Appendix table 7 (cont'd)

Total length (cm)	Set no. 9			10			11			12		
	M	F	T	M	F	T	M	F	T	M	F	T
90	0	0	0	2	0	2	0	0	0	1	0	1
91	0	0	0	-	0	0	1	0	1	0	1	1
92	1	0	1	-	0	0	0	1	1	0	0	0
93	0	0	0	-	0	0	1	0	1	0	1	1
94	1	0	1	-	0	0	1	1	2	1	1	2
95	-	0	0	-	1	1	-	0	0	0	0	0
96	-	0	0	-	0	0	-	0	0	0	0	0
97	-	0	0	-	0	0	-	1	1	0	0	0
98	-	0	0	-	0	0	-	0	0	0	0	0
99	-	0	0	-	0	0	-	1	1	1	1	2
100	-	0	0	-	0	0	-	0	0	-	1	1
101	-	0	0	-	0	0	-	0	0	-	1	1
102	-	1	1	-	0	0	-	0	0	-	0	0
103	-	0	0	-	1	1	-	0	0	-	0	0
104	-	0	0	-	0	0	-	0	0	-	0	0
105	-	1	1	-	0	0	-	1	1	-	0	0
106	-	0	0	-	1	1	-	1	1	-	2	2
107	-	0	0	-	1	1	-	0	0	-	0	0
108	-	0	0	-	0	0	-	1	1	-	1	1
109	-	0	0	-	1	1	-	0	0	-	1	1
110	-	0	0	-	-	-	-	1	1	-	0	0
111	-	0	0	-	-	-	-	1	1	-	1	1
112	-	0	0	-	-	-	-	1	1	-	1	1
113	-	0	0	-	-	-	-	-	-	-	0	0
114	-	0	0	-	-	-	-	-	-	-	0	0
115	-	1	1	-	-	-	-	-	-	-	1	1
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-
Total	64	12	76	37	8	45	25	15	40	24	21	45

Appendix table 7 (cont'd)

Total length (cm)	Set no. 13 M	13 F	13 T	14 M	14 F	14 T	15 M	15 F	15 T	16 M	16 F	16 T
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	1	-	1	-	-	-
52	-	1	1	-	-	-	0	-	0	-	-	-
53	-	0	0	1	-	1	0	-	0	-	-	-
54	-	0	0	0	-	0	0	-	0	-	-	-
55	-	0	0	1	-	1	0	-	0	-	1	1
56	1	0	1	0	-	0	1	-	1	-	1	1
57	0	0	0	0	-	0	0	1	1	-	0	0
58	0	1	1	1	-	1	0	0	0	-	0	0
59	0	1	1	0	-	0	0	0	0	-	0	0
60	0	0	0	0	-	0	0	2	2	1	1	2
61	0	2	2	2	-	2	0	1	1	0	0	0
62	1	1	2	0	-	0	0	3	3	3	0	3
63	1	1	2	0	2	2	1	0	1	1	1	2
64	0	0	0	1	0	1	0	0	0	0	3	3
65	1	1	2	0	1	1	0	1	1	0	3	3
66	2	1	3	0	2	2	5	0	5	3	1	4
67	0	1	1	0	0	0	1	1	2	2	0	2
68	2	2	4	1	0	1	0	1	1	2	1	3
69	1	1	2	2	0	2	2	1	3	1	2	3
70	0	1	1	1	0	1	1	2	3	2	4	6
71	3	3	6	1	0	1	0	0	0	1	0	1
72	1	0	1	2	2	4	0	0	0	0	1	1
73	5	1	6	1	0	1	1	0	1	4	1	5
74	0	1	1	1	0	1	1	1	2	1	0	1
75	2	1	3	2	0	2	3	0	3	2	1	3
76	0	2	2	1	0	1	0	0	0	1	0	1
77	2	1	3	3	0	3	1	0	1	0	0	0
78	4	2	6	4	1	5	0	0	0	1	0	1
79	3	1	4	2	0	2	1	0	1	2	1	3
80	1	1	2	5	0	5	1	0	1	4	0	4
81	2	1	3	0	0	0	4	0	4	1	0	1
82	1	1	2	1	0	1	3	0	3	5	0	5
83	2	1	3	2	0	2	2	0	2	2	0	2
84	4	2	6	3	0	3	1	0	1	0	1	1
85	2	2	4	2	0	2	1	0	1	3	1	4
86	0	1	1	2	1	3	3	0	3	0	0	0
87	1	0	1	2	1	3	1	0	1	3	1	4
88	0	0	0	1	0	1	2	0	2	1	1	2
89	0	0	0	0	1	1	2	0	2	1	1	2

Appendix table 7 (cont'd)

Total length (cm)	Set no. 13 M	13 F	13 T	14 M	14 F	14 T	15 M	15 F	15 T	16 M	16 F	16 T
90	0	1	1	0	1	1	0	0	0	1	1	2
91	1	3	4	0	0	0	0	0	0	0	2	2
92	1	5	6	1	1	2	0	0	0	1	0	1
93	1	0	1	-	0	0	1	1	2	-	0	0
94	0	0	0	-	0	0	-	1	1	-	0	0
95	1	1	2	-	0	0	-	2	2	-	0	0
96	-	2	2	-	0	0	-	0	0	-	0	0
97	-	0	0	-	1	1	-	1	1	-	0	0
98	-	1	1	-	0	0	-	0	0	-	0	0
99	-	0	0	-	0	0	-	1	1	-	0	0
100	-	1	1	-	0	0	-	0	0	-	1	1
101	-	1	1	-	0	0	-	0	0	-	0	0
102	-	1	1	-	0	0	-	0	0	-	1	1
103	-	0	0	-	0	0	-	1	1	-	0	0
104	-	1	1	-	0	0	-	2	2	-	0	0
105	-	2	2	-	1	1	-	1	1	-	0	0
106	-	0	0	-	-	-	-	1	1	-	1	1
107	-	0	0	-	-	-	-	0	0	-	0	0
108	-	0	0	-	-	-	-	2	2	-	0	0
109	-	2	2	-	-	-	-	0	0	-	0	0
110	-	1	1	-	-	-	-	0	0	-	1	1
111	-	-	-	-	-	-	-	0	0	-	-	-
112	-	-	-	-	-	-	-	0	0	-	-	-
113	-	-	-	-	-	-	-	1	1	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-
Total	46	57	103	46	15	61	40	28	68	49	34	83

Appendix table 7 (cont'd)

Total length (cm)	Set no. 17 M	17 F	17 T	18 M	18 F	18 T	19 M	19 F	19 T	20 M	20 F	20 T
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	1	-	1	-	-	-
56	-	-	-	-	-	-	0	-	0	-	-	-
57	-	-	-	-	-	-	0	-	0	-	-	-
58	-	-	-	-	-	-	0	-	0	-	-	-
59	-	-	-	-	-	-	1	-	1	-	-	-
60	-	-	-	1	-	1	1	2	3	-	-	-
61	-	-	-	0	-	0	1	0	1	-	-	-
62	-	-	-	0	-	0	2	0	2	-	-	-
63	-	-	-	0	-	0	1	1	2	-	-	-
64	-	-	-	0	-	0	2	1	3	-	-	-
65	-	-	-	0	-	0	1	1	2	-	-	-
66	-	-	-	0	-	0	3	0	3	-	-	-
67	-	-	-	1	-	1	0	2	2	-	-	-
68	-	-	-	0	-	0	2	0	2	-	-	-
69	-	-	-	0	1	1	0	1	1	-	-	-
70	-	-	-	0	0	0	1	0	1	-	-	-
71	-	-	-	0	2	2	1	0	1	-	-	-
72	-	-	-	1	0	1	1	1	2	-	-	-
73	-	-	-	0	0	0	0	1	1	-	-	-
74	-	-	-	0	0	0	0	0	0	-	-	-
75	-	-	-	0	0	0	2	0	2	-	-	-
76	-	-	-	1	0	1	2	1	3	-	-	-
77	-	-	-	1	0	1	0	0	0	-	-	-
78	-	-	-	1	2	3	0	2	2	-	-	-
79	-	-	-	3	0	3	1	0	1	-	-	-
80	-	-	-	1	1	2	2	0	2	-	-	-
81	-	-	-	2	0	2	3	2	5	-	-	-
82	-	-	-	1	0	1	2	0	2	-	-	-
83	-	-	-	1	1	2	0	1	1	-	-	-
84	-	-	-	1	0	1	1	0	1	1	-	1
85	-	-	-	3	0	3	0	0	0	1	-	1
86	-	-	-	2	0	2	1	0	1	-	-	0
87	-	-	-	1	0	1	1	0	1	-	-	0
88	-	-	-	1	0	1	0	0	0	-	-	0
89	-	-	-	3	0	3	0	1	1	-	-	0

Appendix table 7 (cont'd)

Total length (cm)	Set no. 17 M	17 F	17 T	18 M	18 F	18 T	19 M	19 F	19 T	20 M	20 F	20 T
90	-	-	-	1	0	1	1	0	1	-	-	0
91	-	-	-	-	0	0	-	0	0	-	-	0
92	-	-	-	-	0	0	-	1	1	-	-	0
93	-	1	1	-	0	0	-	1	1	-	-	0
94	-	1	1	-	1	1	-	0	0	-	-	0
95	-	0	0	-	1	1	-	0	0	-	-	0
96	-	1	1	-	0	0	-	1	1	-	-	0
97	-	0	0	-	0	0	-	0	0	-	-	0
98	-	1	1	-	0	0	-	2	2	-	1	1
99	-	1	1	-	0	0	-	0	0	-	0	0
100	-	3	3	-	2	2	-	0	0	-	0	0
101	-	3	3	-	0	0	-	0	0	-	0	0
102	-	1	1	-	0	0	-	0	0	-	0	0
103	-	2	2	-	0	0	-	0	0	-	0	0
104	-	1	1	-	0	0	-	0	0	-	0	0
105	-	1	1	-	0	0	-	0	0	-	1	1
106	-	2	2	-	2	2	-	0	0	-	0	0
107	-	1	1	-	1	1	-	0	0	-	1	1
108	-	0	0	-	1	1	-	0	0	-	-	-
109	-	0	0	-	0	0	-	0	0	-	-	-
110	-	2	2	-	0	0	-	0	0	-	-	-
111	-	1	1	-	1	1	-	1	1	-	-	-
112	-	0	0	-	2	2	-	-	-	-	-	-
113	-	1	1	-	0	0	-	-	-	-	-	-
114	-	0	0	-	1	1	-	-	-	-	-	-
115	-	0	0	-	0	0	-	-	-	-	-	-
116	-	1	1	-	1	1	-	-	-	-	-	-
117	-	-	-	-	0	0	-	-	-	-	-	-
118	-	-	-	-	1	1	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	24	24	26	21	47	34	23	57	2	3	5

Appendix table 7 (cont'd)

Total length (cm)	Set no. 21 M	21 F	21 T	22 M	22 F	22 T	23 M	23 F	23 T	24 M	24 F	24 T
47	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	1	1	-	-	-	-	-	-
50	-	-	-	-	0	0	-	-	-	1	-	1
51	-	-	-	1	1	2	-	-	-	1	-	1
52	-	-	-	0	0	0	1	-	1	0	-	0
53	-	-	-	0	0	0	0	-	0	0	-	0
54	-	-	-	0	0	0	1	-	1	0	2	2
55	-	-	-	0	1	1	0	1	1	2	1	3
56	-	-	-	2	1	3	1	1	2	3	0	3
57	-	-	-	0	0	0	0	0	0	0	0	0
58	-	-	-	1	0	1	1	1	2	0	0	0
59	-	-	-	0	3	3	2	0	2	3	0	3
60	-	-	-	0	1	1	2	0	2	5	2	7
61	-	-	-	0	3	3	1	0	1	4	1	5
62	-	-	-	2	1	3	1	0	1	3	0	3
63	-	-	-	2	1	3	4	0	4	0	1	1
64	-	-	-	1	0	1	3	0	3	5	0	5
65	-	-	-	0	0	0	4	0	4	3	0	3
66	-	-	-	1	1	2	0	0	0	2	0	2
67	-	-	-	0	0	0	2	0	2	0	0	0
68	-	-	-	0	1	1	1	0	1	0	0	0
69	-	-	-	0	0	0	2	1	3	3	1	4
70	-	-	-	0	1	1	0	0	0	1	0	1
71	-	-	-	0	1	1	1	0	1	2	0	2
72	-	-	-	1	1	2	0	1	1	1	0	1
73	-	-	-	1	0	1	0	0	0	2	0	2
74	-	-	-	0	2	2	1	0	1	1	0	1
75	-	-	-	0	1	1	0	0	0	2	0	2
76	-	-	-	3	1	4	1	0	1	1	0	1
77	-	-	-	0	0	0	2	0	2	1	0	1
78	-	-	-	2	0	2	0	0	0	2	0	2
79	-	-	-	2	1	3	1	0	1	3	0	3
80	2	-	2	0	1	1	0	0	0	2	0	2
81	0	-	0	1	0	1	0	0	0	1	0	1
82	0	-	0	1	0	1	0	0	0	1	1	2
83	0	-	0	2	0	2	5	0	5	2	0	2
84	1	-	1	1	1	2	1	0	1	0	0	0
85	1	-	1	2	0	2	1	0	1	1	0	1
86	0	-	0	2	0	2	1	0	1	0	0	0
87	1	-	1	0	0	0	1	0	1	1	0	1
88	0	-	0	0	2	2	1	0	1	0	0	0
89	0	1	1	1	0	1	0	0	0	0	0	0

Appendix table 7 (cont'd)

Total length (cm)	Set no. 21 M	21 F	21 T	22 M	22 F	22 T	23 M	23 F	23 T	24 M	24 F	24 T
90	1	0	1	2	2	4	1	0	1	0	0	0
91	0	0	0	0	0	0	0	0	0	1	0	1
92	0	0	0	1	1	2	2	0	2	0	0	0
93	0	0	0	2	0	2	-	0	0	0	1	1
94	0	0	0	1	0	1	-	0	0	0	0	0
95	1	0	1	-	0	0	-	1	1	0	0	0
96	0	0	0	-	0	0	-	1	1	0	0	0
97	1	0	1	-	0	0	-	0	0	0	0	0
98	-	0	0	-	1	1	-	0	0	0	1	1
99	-	0	0	-	1	1	-	1	1	0	0	0
100	-	1	1	-	1	1	-	1	1	1	1	2
101	-	0	0	-	0	0	-	-	-	-	0	0
102	-	0	0	-	1	1	-	-	-	-	0	0
103	-	0	0	-	1	1	-	-	-	-	0	0
104	-	0	0	-	0	0	-	-	-	-	1	1
105	-	0	0	-	0	0	-	-	-	-	-	-
106	-	2	2	-	0	0	-	-	-	-	-	-
107	-	0	0	-	2	2	-	-	-	-	-	-
108	-	0	0	-	1	1	-	-	-	-	-	-
109	-	0	0	-	-	-	-	-	-	-	-	-
110	-	1	1	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	5	13	35	38	73	45	9	54	61	13	74

Appendix table 7 (cont'd)

Total length (cm)	Set no. 25 M	25 F	25 T	26 M	26 F	26 T	27 M	27 F	27 T	28 M	28 F	28 T
47	-	1	1	-	-	-	-	-	-	-	-	-
48	-	0	0	-	-	-	1	-	1	-	-	-
49	-	0	0	-	-	-	0	-	0	-	-	-
50	-	0	0	-	-	-	0	-	0	-	-	-
51	-	0	0	-	-	-	0	-	0	-	-	-
52	-	0	0	-	-	-	0	-	0	-	-	-
53	-	0	0	-	-	-	0	-	0	-	-	-
54	-	0	0	-	-	-	0	-	0	-	-	-
55	2	0	2	-	-	-	1	-	1	-	-	-
56	0	0	0	-	-	-	1	-	1	-	-	-
57	1	0	1	-	-	-	0	-	0	-	-	-
58	2	3	5	-	-	-	0	-	0	-	-	-
59	3	0	3	-	-	-	0	-	0	-	1	1
60	0	0	0	-	-	-	1	1	2	-	0	0
61	1	0	1	-	-	-	0	0	0	-	0	0
62	2	0	2	-	-	-	0	1	1	-	0	0
63	5	1	6	-	-	-	0	0	0	-	0	0
64	1	0	1	-	-	-	0	1	1	-	1	1
65	1	1	2	-	-	-	0	0	0	-	1	1
66	4	0	4	-	-	-	0	0	0	-	0	0
67	4	0	4	-	-	-	0	1	1	-	0	0
68	0	3	3	-	-	-	0	0	0	-	0	0
69	2	1	3	-	-	-	0	0	0	-	0	0
70	1	1	2	-	-	-	0	0	0	-	0	0
71	4	0	4	-	-	-	2	2	4	-	1	1
72	3	1	4	-	-	-	0	0	0	-	0	0
73	2	0	2	-	-	-	0	0	0	-	0	0
74	2	0	2	-	-	-	0	0	0	-	2	2
75	3	1	4	-	-	-	0	0	0	-	0	0
76	1	0	1	-	-	-	0	0	0	-	0	0
77	1	0	1	-	1	1	4	0	4	-	2	2
78	2	0	2	-	0	0	1	0	1	-	0	0
79	1	0	1	-	0	0	2	0	2	-	0	0
80	0	0	0	-	0	0	4	1	5	-	0	0
81	0	0	0	-	0	0	0	0	0	2	0	2
82	0	0	0	-	0	0	1	0	1	1	0	1
83	1	0	1	-	0	0	3	0	3	0	0	0
84	1	1	2	-	0	0	3	0	3	2	1	3
85	2	0	2	-	0	0	0	1	1	0	1	1
86	1	0	1	-	0	0	10	0	10	2	3	5
87	1	0	1	-	0	0	2	0	2	2	1	3
88	0	0	0	1	0	1	2	2	4	0	1	1
89	1	0	1	-	0	0	4	1	5	0	4	4

Appendix table 7 (cont'd)

Total length (cm)	Set no. 25 M	25 F	25 T	26 M	26 F	26 T	27 M	27 F	27 T	28 M	28 F	28 T
90	0	0	0	-	0	0	4	2	6	0	1	1
91	0	0	0	-	0	0	1	1	2	2	2	4
92	0	0	0	-	0	0	0	1	1	-	0	0
93	0	0	0	-	0	0	0	0	0	-	1	1
94	0	0	0	-	0	0	1	3	4	-	1	1
95	0	0	0	-	0	0	-	1	1	-	1	1
96	0	0	0	-	0	0	-	1	1	-	1	1
97	0	0	0	-	1	1	-	1	1	-	0	0
98	0	0	0	-	0	0	-	1	1	-	0	0
99	0	0	0	-	1	1	-	0	0	-	1	1
100	0	2	2	-	0	0	-	2	2	-	0	0
101	0	0	0	-	0	0	-	0	0	-	1	1
102	0	1	1	-	1	1	-	2	2	-	0	0
103	0	1	1	-	0	0	-	1	1	-	1	1
104	0	0	0	-	0	0	-	1	1	-	0	0
105	0	0	0	-	0	0	-	1	1	-	1	1
106	0	0	0	-	1	1	-	0	0	-	2	2
107	0	0	0	-	0	0	-	0	0	-	0	0
108	0	1	1	-	1	1	-	0	0	-	1	1
109	0	-	0	-	0	0	-	0	0	-	-	-
110	0	-	0	-	1	1	-	0	0	-	-	-
111	1	-	1	-	0	0	-	2	2	-	-	-
112	-	-	-	-	2	2	-	0	0	-	-	-
113	-	-	-	-	1	1	-	0	0	-	-	-
114	-	-	-	-	1	1	-	1	1	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-
Total	56	19	75	1	11	12	48	32	80	11	33	44

Appendix table 7 (cont'd)

Total length (cm)	Set no. 29 M	29 F	29 T	30 M	30 F	30 T
46	-	-	-	-	-	-
47	-	-	-	-	-	-
48	1	-	1	1	-	1
49	0	-	0	0	-	0
50	0	-	0	0	-	0
51	0	1	1	0	-	0
52	0	0	0	0	-	0
53	0	1	1	0	-	0
54	0	1	1	0	-	0
55	0	0	0	0	1	1
56	0	0	0	0	1	1
57	1	0	1	0	0	0
58	0	2	2	1	1	2
59	0	0	0	0	2	2
60	0	0	0	1	2	3
61	0	0	0	0	0	0
62	1	0	1	0	1	1
63	0	0	0	0	0	0
64	2	1	3	0	0	0
65	0	0	0	3	0	3
66	1	0	1	0	1	1
67	0	0	0	1	0	1
68	0	0	0	0	2	2
69	0	0	0	1	0	1
70	0	0	0	1	1	2
71	0	0	0	0	0	0
72	0	0	0	0	0	0
73	0	0	0	0	1	1
74	0	1	1	0	1	1
75	0	1	1	0	1	1
76	0	0	0	0	0	0
77	0	0	0	0	0	0
78	1	0	1	1	0	1
79	1	0	1	1	0	1
80	0	0	0	0	3	3
81	1	1	2	0	0	0
82	2	0	2	0	0	0
83	0	1	1	0	0	0
84	3	0	3	1	0	1
85	2	0	2	0	0	0
86	1	0	1	2	0	2
87	3	0	3	0	1	1
88	0	0	0	1	0	1
89	1	0	1	1	0	1

Appendix table 7 (cont'd)

Total length (cm)	Set no. 29 M	29 F	29 T	30 M	30 F	30 T
90	1	0	1	-	2	2
91	0	0	0	-	0	0
92	0	0	0	-	0	0
93	1	0	1	-	0	0
94	-	0	0	-	0	0
95	-	0	0	-	0	0
96	-	0	0	-	0	0
97	-	0	0	-	1	1
98	-	0	0	-	1	1
99	-	0	0	-	0	0
100	-	0	0	-	0	0
101	-	0	0	-	2	2
102	-	0	0	-	0	0
103	-	0	0	-	0	0
104	-	0	0	-	0	0
105	-	0	0	-	0	0
106	-	0	0	-	1	1
107	-	0	0	-	1	1
108	-	0	0	-	0	0
109	-	0	0	-	1	1
110	-	0	0	-	-	-
111	-	1	1	-	-	-
112	-	0	0	-	-	-
113	-	1	1	-	-	-
114	-	-	-	-	-	-
115	-	-	-	-	-	-
116	-	-	-	-	-	-
117	-	-	-	-	-	-
118	-	-	-	-	-	-
119	-	-	-	-	-	-
120	-	-	-	-	-	-
121	-	-	-	-	-	-
122	-	-	-	-	-	-
123	-	-	-	-	-	-
124	-	-	-	-	-	-
125	-	-	-	-	-	-
Total	23	12	35	16	28	44

Appendix table 7 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
46	-	-	-	1	-	1	1	-	1
47	-	1	1	0	-	0	-	1	1
48	3	0	3	0	-	0	3	-	3
49	0	2	2	0	-	0	0	2	2
50	2	3	5	0	1	1	2	4	6
51	4	3	7	0	0	0	4	3	7
52	1	1	2	0	0	0	1	1	2
53	3	1	4	0	0	0	3	1	4
54	3	6	9	0	1	1	3	7	10
55	10	13	23	1	0	1	11	13	24
56	11	7	18	0	0	0	11	7	18
57	4	6	10	0	0	0	4	6	10
58	7	13	20	0	0	0	7	13	20
59	10	14	24	1	0	1	11	14	25
60	17	13	30	0	0	0	17	13	30
61	12	11	23	1	1	2	13	12	25
62	18	8	26	1	2	3	19	10	29
63	18	14	32	0	0	0	18	14	32
64	21	13	34	1	0	1	22	13	35
65	16	14	30	0	0	0	16	14	30
66	22	10	32	1	0	1	23	10	33
67	13	8	21	0	0	0	13	8	21
68	11	11	22	0	0	0	11	11	22
69	20	10	30	0	1	1	20	11	31
70	12	12	24	0	0	0	12	12	24
71	21	12	33	0	0	0	21	12	33
72	17	11	28	0	0	0	17	11	28
73	30	7	37	0	0	0	30	7	37
74	25	8	33	1	0	1	26	8	34
75	26	11	37	1	1	2	27	12	39
76	32	5	37	0	0	0	32	5	37
77	42	7	49	1	0	1	43	7	50
78	45	9	54	2	0	2	47	9	56
79	42	6	48	0	1	1	42	7	49
80	52	7	59	0	0	0	52	7	59
81	45	6	51	2	0	2	47	6	53
82	45	6	51	1	2	3	46	8	54
83	48	7	55	2	1	3	50	8	58
84	52	9	61	1	0	1	53	9	62
85	41	6	47	0	0	0	41	6	47
86	45	7	52	3	1	4	48	8	56
87	38	6	44	1	1	2	39	7	46
88	23	8	31	2	0	2	25	8	33
89	27	9	36	2	2	4	29	11	40

Appendix table 7 (cont'd)

Total length (cm)	Total released			Total untagged			Total caught		
	M	F	T	M	F	T	M	F	T
90	18	11	29	3	0	3	21	11	32
91	9	9	18	-	0	0	9	9	18
92	9	11	20	-	0	0	9	11	20
93	8	9	17	-	0	0	8	9	17
94	6	10	16	-	0	0	6	10	16
95	2	10	12	-	1	1	2	11	13
96	0	8	8	-	1	1	0	9	9
97	2	8	10	-	1	1	2	9	11
98	0	10	10	-	0	0	0	10	10
99	1	11	12	-	0	0	1	11	12
100	1	20	21	-	0	0	1	20	21
101	0	9	9	-	0	0	0	9	9
102	0	11	11	-	0	0	0	11	11
103	0	14	14	-	0	0	0	14	14
104	0	13	13	-	0	0	0	13	13
105	0	16	16	-	0	0	0	16	16
106	0	20	20	-	1	1	0	21	21
107	0	15	15	-	0	0	0	15	15
108	0	11	11	-	1	1	0	12	12
109	0	10	10	-	0	0	0	10	10
110	0	11	11	-	0	0	0	11	11
111	1	9	10	-	0	0	1	9	10
112	-	9	9	-	0	0	-	9	9
113	-	6	6	-	1	1	-	7	7
114	-	4	4	-	-	-	-	4	4
115	-	2	2	-	-	-	-	2	2
116	-	2	2	-	-	-	-	2	2
117	-	0	0	-	-	-	-	0	0
118	-	1	1	-	-	-	-	1	1
119	-	0	0	-	-	-	-	0	0
120	-	0	0	-	-	-	-	0	0
121	-	0	0	-	-	-	-	0	0
122	-	0	0	-	-	-	-	0	0
123	-	0	0	-	-	-	-	0	0
124	-	0	0	-	-	-	-	0	0
125	-	1	1	-	-	-	-	1	1
Total	991	622	1613	29	21	50	1020	643	1663